



A Great Deal of Pressure Relief



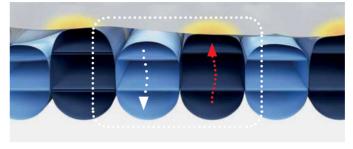
2-cell alternating pressure mattress family

AIR2CARE

A Great Deal of Pressure Relief



EFFICIENCY IN THE PREVENTION OF PRESSURE INJURIES



2-cell alternating system provides intermittent pressure reduction.

SIMPLICITY OF HANDLING **BROUGHT BY USER-FRIENDLY FEATURES**





Easy Smart System with automatic pressure setting adjusting to the patients weight and position.

Easy patient transportation supported by Transport mode that can be enabled by simple disconnection from System Control Unit(SCU).

SAFETY AND COMFORT AT THE CORE OF PATIENT CARE



Wide choice of cycle times based on patient's condition and individual preference.



Fowler Boost helps to minimize the risk of bottoming out.



Convenient maintenance provided by individual cells that are removable and can be easily cleaned, decontaminated or replaced.



Integrated compressor provides less noise and vibration for better patient comfort.

AIR2CARE Integrated

The compressor of the mattress is integrated into the Essenza bedframe, along with an easy to use control panel available on the bed siderails.





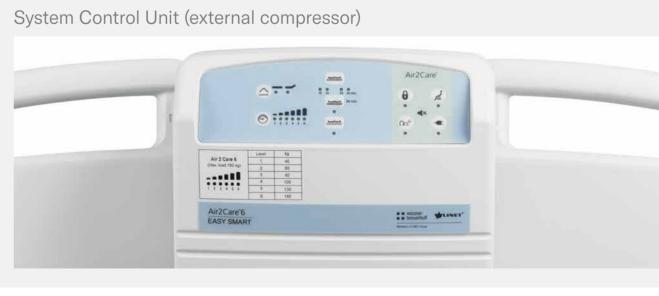
Integrated mattress control panel



AIR2CARE Mattress Replacement

Alternating Air2Care mattress replacement with an external compressor can be placed in any bed frames with compatible dimensions.







SOLUTIONS OVERVIEW

ENHANCED PATIENT OUTCOME



PRESSURE INJURY PREVENTION

Effective pressure injury prevention of Air2Care mattress provided by 2-cell alternating system and Fowler Boost.



SUPPORT PATIENT RECOVERY

Air2Care offers individual cell deflation to enable the reduction of pressure in specific areas and support patient recovery.

PATIENT COMFORT AND SAFETY

Integrated compressor, Cycle Time Options and availability of Prone Mode help to enhance the comfort and well-being of patients.

IMPROVED CAREGIVER & HOSPITAL WORKFLOW



SIMPLIFY CAREGIVER PROCEDURES

Easy Smart System and Transport Mode help to reduce the complexity of caregiver procedures.



HOSPITAL OPERATIONS EFFICIENCY

Easy and safe maintenance of the Air2Care mattress brought by a complete integrated solution.



PREVENTION OF HOSPITAL ACQUIRED INFECTIONS

Efficient infection control is supported by the construction of removable cells of the mattress which enables ease of cleaning.



- Worldwide prevalence of HAPI varies from 6–18.5 % in acute care segment¹
- Pressure injuries can develop within minutes of immobility³
- Caregiver should routinely check the patient bottoming out on the support surface⁴

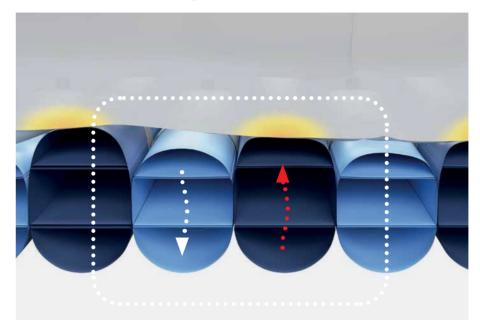
The cost of treating pressure injuries varies from £1,214 to £14,108²

States and

SOLUTION

Air2Care alternating pressure mattress provides periodic pressure relief.

2-Cell Alternating System



Fowler Boost

Minimized risk of bottoming while sitting

The Air2Care mattress starts to increase air inflation when it detects the backrest has been raised by 30°.

The Single Point Fowler Boost enables automatic detection of the raised backrest position.



Air2Care with 2-cell alternating system reduces pressure and helps to minimize sustained pressure peaks to the patient's body.

Intermittent pressure reduction

Alternating pressure can be used for pressure injury prevention as part of an overall program of care



- Patient with an existing category I of pressure injuries can be in high risk of developing category II and higher⁴
- When the skin breaks down, the muscle and fat tissue have a lower resistance to pressure and temperature⁵
- The higher category of pressure injury the more time is needed for healing⁶

1 month to heal pressure injuries of category 1⁶

Up to 8 months to heal pressure injuries of category III/IV⁶

SOLUTION

Alternating pressure mattress with individual cell deflation can be part of the treatment of early categories of pressure injuries and reduce the chance of developing higher categories of pressure injuries.7

Individual cell deflation



Localized pressure offload

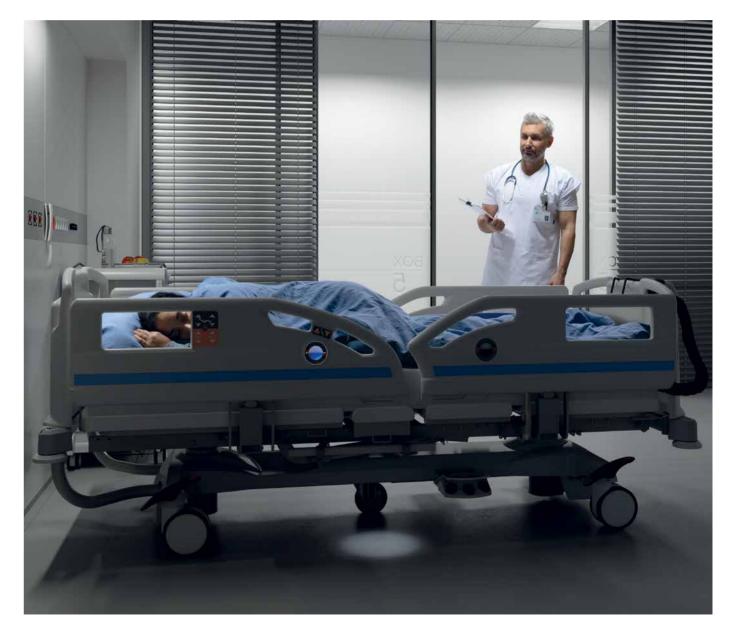
The individual cell construction uses self-sealing valves that allow the cells to be individually deflated. This enables pressure to be removed from specific areas of the patient's body.

NOTE: Always complete a manual check to ensure the mattress does not bottom out due to a deflated cell.



CHALLENGE

- Excessive noise influences patient healing and the working conditions of nurses⁸
- Sleeping of patient is highly connected to surrounding noise⁹
- After overexertion, the second most common cause for injuries is slip, trip and fall (STF)¹⁰



STF represents 25% of all injuries of healthcare workers¹⁰

SOLUTION

An integrated Air2Care compressor reduces vibration for better patient comfort.¹¹

Integrated compressor



Support for Heavier Patients



The compressor reduces vibration by more than 50% compared with mattress replacement.11

J	J
Integrated	solution

Integrated compressor meets the night noise requirements of WHO¹²

NOTE: maximum patient weight up to the

250 kg limit with the size of 100×200

The A2C mattresses range allows placing plus sized patients thanks to models with a high maximum patient weight of 250 kg and extended dimensions of the mattress.

cm.



Cycle Time Options of 10/15/20/25 Minutes



Availability of Prone Mode



Minimized Errors with Safety Lock Button







It is possible to prone patients on the Air2Care 6 and 8 mattresses due to the self-sealing valves that allow the individual cells to be deflated.

NOTE: Always check manually for bottoming out.

- The Safety Lock Button protects against accidental setting changes.
- Activate or deactivate the functions control using the Safety Lock button, located at the control panel.

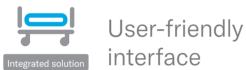


- 41% of caregivers suffer from lack of time¹³
- 34% of the working time nurses need to multitask¹⁴
- Narrow corridors and small space elevators inside hospital beds limit patient transport on the bed

SOLUTION

Integrated mattress control panel, Easy Smart System, and Fast Access CPR features reduce complexity of daily caregiver's procedures.

Integrated mattress control panel





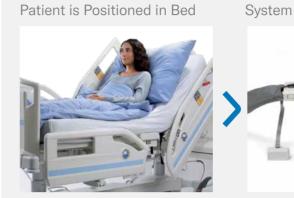
In the integrated Air2Care easy-of-use mattress control panel is available on the bed siderails.



All functions and settings can be set with a well-arranged control panel for the System Control Unit (SCU). Easy access to MAX, Alternating and Constant Low Pressure Modes and to use Plug & Play system.

Automatic Pressure Setting with the Easy Smart System

At the press of a button, the mattress will automatically and continuously adjust to the patient's individual size, weight and position. Manual pressure adjustment is available to suit patient comfort.



Patient is positioned in bed.

pressure for the patient.

Fast Access to Immediate CPR Easy Patient Transportation



With the simple turning of a valve the mattress deflates providing a firm surface for chest compressions.



Transport Mode can provide constant low pressure for 8 hours while disconnected from the power or System Control Unit (SCU).



- Number of caregivers required to transfer patients on to a stand-alone mattress
- Sustainable and Cost-effective equipment maintenance
- Damaged mattresses are common in hospitals and potentially place patients at risk.

SOLUTION

Easy and safe maintenance of the Air2Care mattress brought by a complete integrated solution and cells construction.

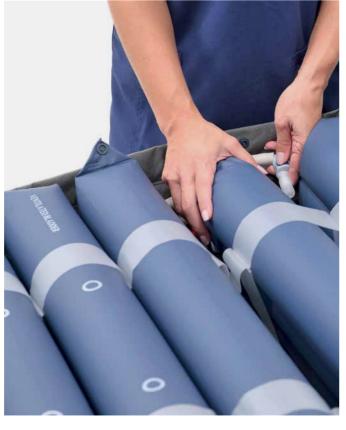
Complete integrated solution



Easy and Cost-Effective Maintenance



Air2Care integrated helps to save space due to the absence of the external compressor and reduces the risk of cable damage while transporting.



The removable cells with self-sealing valves enable quick and easy replacement of damaged cells without even having to switch off the system.



CHALLENGE

- HAIs are the most deadly and costly adverse event, representing up to 6% of public hospital budgets¹⁵
- Cleaning and checking mattress inside and cover on discharge or weekly¹⁶

SOLUTION

The cell construction makes it possible to completely remove the individual cells for cleaning and decontamination.

Infection control



Self-sealing valves help maintain pressure so the mattress stays inflated even if a cell is removed for cleaning or repair.



Individual cells can be removed so that the entire mattress may be easily cleaned.

3.1 - 4.6

milion people

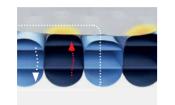
acquire a healthcareassociated infection (HAI) in acute care hospitals in Europe every year¹⁵



The mattress cover is vapor permeable and water resistant. The zipper is covered to prevent the ingress of dirt or fluids.

KEY FEATURES OVERVIEW

2-cell alternating system provides intermittent pressure reduction.





Fowler Boost minimizes the risk of bottoming out.





Individually removable cells provide easy and cost-effective maintenance.

4 cycle time options offer a wide choice for patient comfort.

Safety Lock Button helps to minimize errors.

Support for Heavier patients with a limit of up to 250 kg.









Individual cells deflation enables Prone positioning and supports localized pressure offload.

Integrated compressor

provides easy

maintenance.

and time-saving

Easy Smart System enables automatic

pressure setting.

Transport mode

transportation.

access.

supports easy patient

CPR solution with fast

24-hour care supported by Air2Care sitting cushion.

TECHNICAL SPECIFICATION

MODELS	AIR2CARE 8	AIR2CARE 6	AIR2CARE 5	AIR2CARE 4
Mattress replacement				
Integrated solution				
FEATURES Air Decks	A:= 1 A:=	A:= 1 A:=	Quarter	Quarlay Casting Quakia
Modes	Air+Air Alternate, Max, Constant Low Pressure	Air+Air Alternate, Max, Constant Low Pressure	Overlay Alternate, Max, Constant Low Pressure	Overlay Seating Cushio Alternate, Max, Constant Low Pressure
Transport mode	Yes	Yes	Yes	Yes
Cycle Time*	10, 15, 20, 25 min	10, 15, 20, 25 min	10, 15, 20, 25 min	10, 15, 20 min
Fowler Boost	Single point	Single point	Single point	_
MATTRESS DIM	ENSION			
	200 x 86 x 20	200 x 86 x 15	200 x 86 x 12,5	48 x 46 x 10
Mattress replacement (cm)	200 x 100 x 20	200 x 90 x 15		
	200 x 120 x 20	210 x 86 x 15		
	200 x 140 x 20	210 x 90 x 15		
	210 x 86 x 20	220 x 86 x 15		
Integrated mattress (cm)	200 x 86 x 20	200 x 86 x 15		
ADDITIONAL PA	RAMETERS			
Maximum patient weight (kg)	180/250*	160	140	130
Minimum patient weight (kg)	40	40	40	40
Cover	Waterproof and Vapor Permeable, Stretch Cover	Waterproof and Vapor Permeable, Stretch Cover	Waterproof and Vapor Permeable, Stretch Cover	Waterproof and Vapor Permeable, Stretch Cov
Zipper	360°	360°	360°	270°
	Yes	Yes	Yes	







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