



Comfort & pressure redistribution with offloading capabilities

PRESSURE INJURY PREVENTION

AtmosAir Velaris

AtmosAir Velaris® is a **flexible** and cost effective alternating **hybrid** mattress system. It can be used across a wide range of patient risk categories and care settings.

Without the pump attached, it provides **pressure redistribution** through the AtmosAir Velaris Air Redistribution Module™ (ARM) to maintain comfort and pressure levels in each air cell.

If used in conjunction with the pump, AtmosAir Velaris transforms to a fully alternating therapy mattress system that provides offloading capabilities while maintaining high comfort levels.

Alternating hybrid system with offloading capabilities

Velaris ARM —

Air Redistribution Module

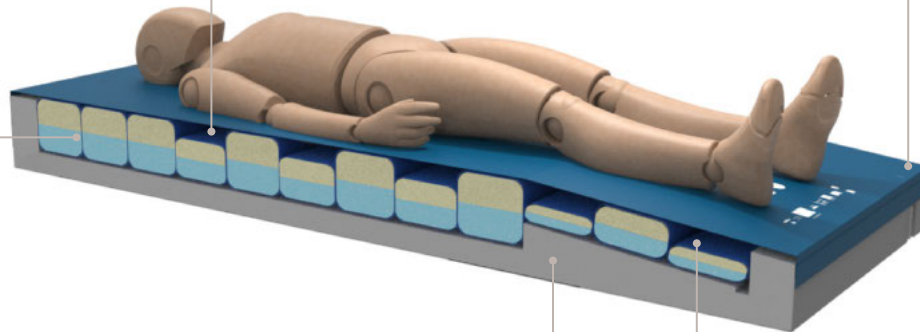
In non-powered mode, AtmosAir Velaris is an open pressurized system. The Velaris ARM — Air Redistribution Module maintains a predefined pressure level inside the cells

No extra layer of foam on top of the cells

Comfort is provided by memory foam layer inside the air cells. This eliminates the need for a foam layer between the patient and the air cells that would reduce the effect of the alternating pressure

Premium covers

Designed to last 2.5 times longer than 'standard' type cover fabric when being used in the same type of environment and offer advanced chemical resistance, an antimicrobial agent, and increased resistance to abrasion



AltoVac™ Vacuum Technology

With the pump connected, the AltoVac Vacuum Technology sucks air out and inflates air in cycles to provide alternating pressure (AP) therapy with offloading capabilities

Microclimate management

Powered directly from the AtmosAir Velaris pump, the system can also offer the full microclimate and comfort benefits of Skin IQ®, without impacting the alternating pressure performance. Compatible with both Skin IQ standard and bariatric coverlet

Heel zone with active therapy

With a sloped heel zone combining AltoVac vacuum technology alternating air cells with a heel slope, the AtmosAir Velaris hybrid system offers offloading capabilities in the vulnerable heel area

Plus size mattress option

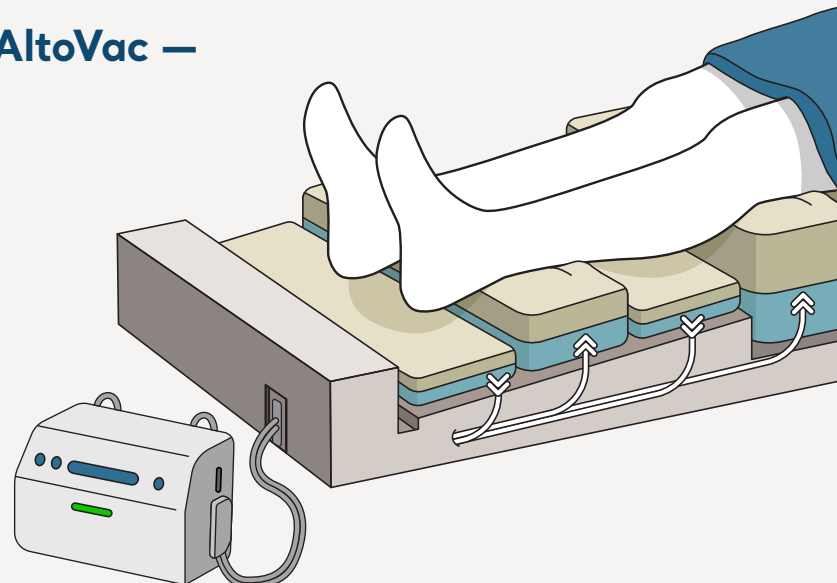
Active therapy for plus size patients up to 454 kg (1,000 lbs). AtmosAir Velaris is supported by an alternating pressure (AP) pump that works with both standard and plus size mattresses

Alternating pressure pump with AltoVac — a unique vacuum technology

Offloading capabilities with maintained comfort

Using AltoVac technology to effectively deflate the foam filled air cells compresses them to a level where there is pressure offloading capabilities underneath the patient for periods of time.

This also allows for a reduced peak pressure in the inflated cells to improve comfort and immersion while maintaining the offloading capabilities of the surface.

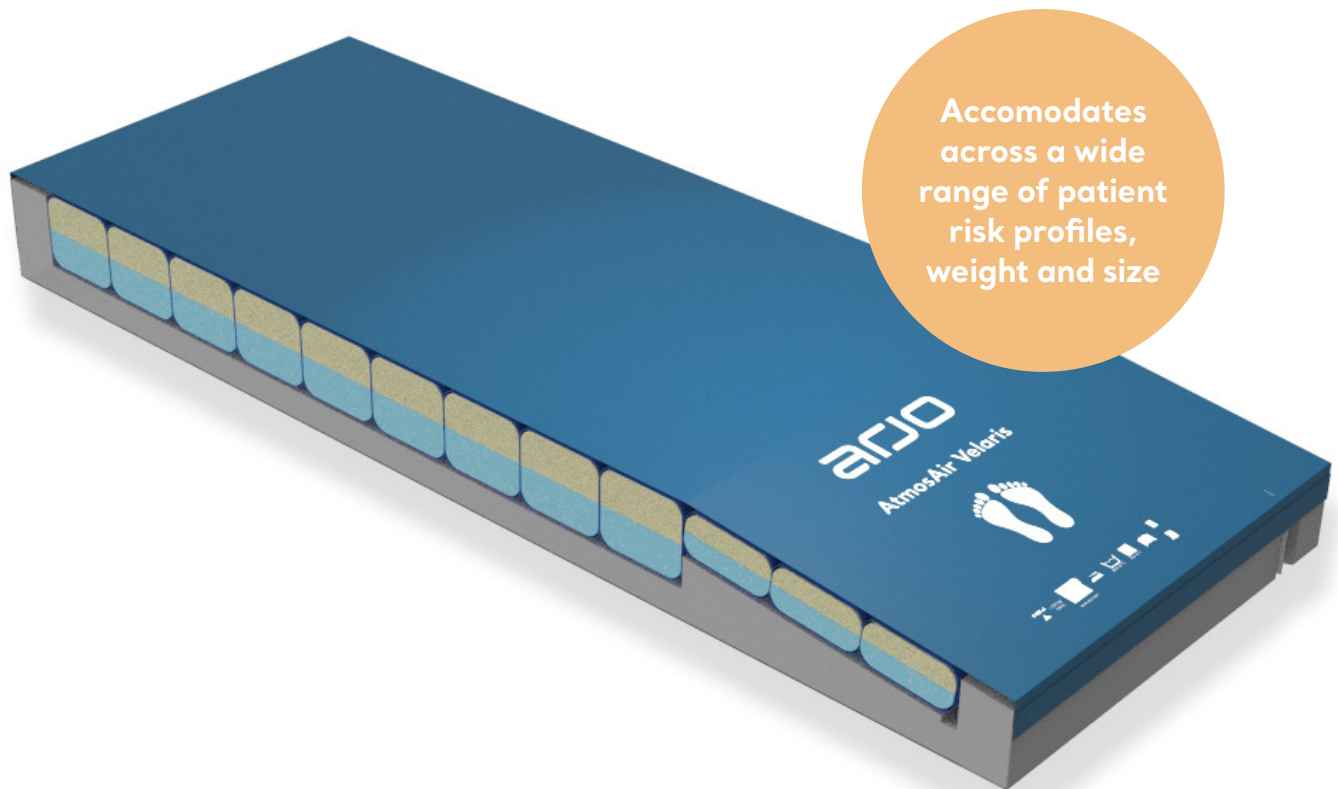


Instant step-up therapy

AtmosAir Velaris performs as a dedicated alternating pressure surface in active therapy mode, but also provides non-powered pressure redistribution when the patient pressure risk level does not require alternating therapy.

This makes it possible to use one surface for all patients except for those at very high risk of pressure injury.

AtmosAir Velaris is approved for use in acute care, long term care and home care facilities.



Step up therapy system benefits

PATIENT



- Very low noise levels (19 dBA)
- Low peak interface pressure for better immersion
- Slow and controlled movements of the surface during alternating therapy, providing the benefit of an alternating surface combined with the comfort of a foam surface
- Easy bed egress through firm foam perimeter

CAREGIVER



- Instant step up of care — simply introduce the pump as required
- Less nursing time needed as no patient transfer is required to step up care
- Fewer surfaces required in a facility to manage means less training, space requirement, disinfection and administration
- Microclimate management is easily integrated by plugging Skin IQ overlay into the pump

Specifications

ATMOSAIR VELARIS	
Cover fabric	Dartex Premium (welded)
PVC free	Yes
Material fire tests	BS7175 Source 5
Mattress fire tests***	BS597-1, BS597-2, BS6807 Source 5
Welded seams & handles	Yes
ATMOSAIR VELARIS STANDARD MATTRESS	
Cover fabric	Dartex Premium (welded)
Standard sizes* inches	35 x 80 x 7 35 x 79 x 7 34 x 78 x 7 35 x 84 x 7
Ability to connect to AtmosAir Velaris alternating pressure pump	Yes
Weight of mattress	34 lbs to 39 lbs
Maximum patient weight limit	550 lbs
ATMOSAIR VELARIS PLUS MATTRESS	
Cover fabric	Dartex Premium (welded)
Standard sizes* inches	48 x 84 x 7
Ability to connect to AtmosAir Velaris alternating pressure pump	Yes
Weight of mattress	53 lbs
Maximum patient weight limit	1,000 lbs
ATMOSAIR VELARIS ALTERNATING PRESSURE PUMP	
Size	13.3 x 4.2 x 7.9
Weight	9 lbs
Alternating cycle time	10 minutes
Supply voltage	100-230 V
Power input	3-46 VA
IP rating	IP22
Case material	PC ABS
Sound output	19 dBA
Controls lock out feature	Yes
Suppress audible alarm option	Yes
Alarm pause	Yes (15 minutes)
Skin® IQ adapter part number**	Power cable 636377
ITEM NUMBER	PRODUCT DESCRIPTION
633028EN	Velaris mattress 35"x84" (with premium cover)
633027EN	Velaris mattress 35"x80" (with premium cover)
633026EN	Velaris mattress 34"x78" (with premium cover)
633029EN	Velaris mattress 35"x79" (with premium cover)
633003	Velaris pump
633031EN	Velaris Plus mattress (with premium cover)
LUS-VelarisKit84	Velaris kit (mattress and pump) 35"x84"
LUS-VelarisKit80	Velaris kit (mattress and pump) 35"x80"
LUS-VelarisKit78	Velaris kit (mattress and pump) 34"x78"
LUS-VelarisKit79	Velaris kit (mattress and pump) 35"x79"
LUS-VelarisPlusKit	Velaris Plus (mattress and pump)



* Sizes outside of standard range may be available, please contact your Arjo representative to discuss requirements
 ** Does not come with AtmosAir Velaris Pump or Skin IQ coverlet; needs to be ordered separately
 *** Not available in Seat Cushion and AtmosAir Velaris Plus