

# AccuMax Quantum™ VPC Mattress

Clinically proven to help prevent and treat pressure ulcers



Enhancing outcomes for  
patients and their caregivers:

**Hill-Rom**

# AccuMax Quantum™ VPC surface delivers clinically effective performance.



## Non-powered customized therapy

Controlled Released™ technology enables automatic response to patient movement, creating custom pressure redistribution. As pressure changes, intake/output valves release displaced air to achieve a therapeutic low pressure balance.

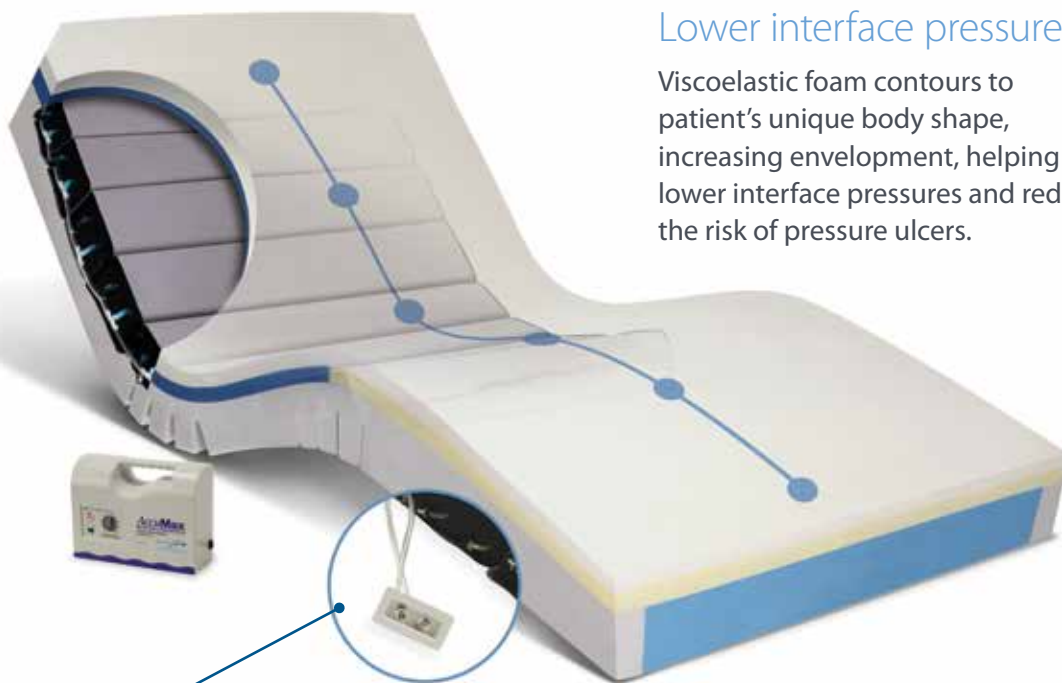


## Lower interface pressures

Viscoelastic foam contours to patient's unique body shape, increasing envelopment, helping to lower interface pressures and reduce the risk of pressure ulcers.

## Powered Alternating Pressure Therapy

When connected to the control unit, the AccuMax® surface with Air Port provides alternating pressure, which can help improve pressure redistribution and reduce PU incidence.

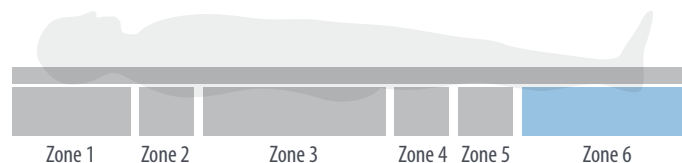


## Optional airport

Optional airport for connection to control unit (flat deck model only).

## Targeted pressure redistribution

Six targeted pressure redistribution zones provide protection for most vulnerable areas, including the head, sacrum, and heel.



# Robust Clinical Outcomes

AccuMax Quantum™ Surfaces  
helped decrease facility-acquired  
pressure ulcers by

# 61.5%

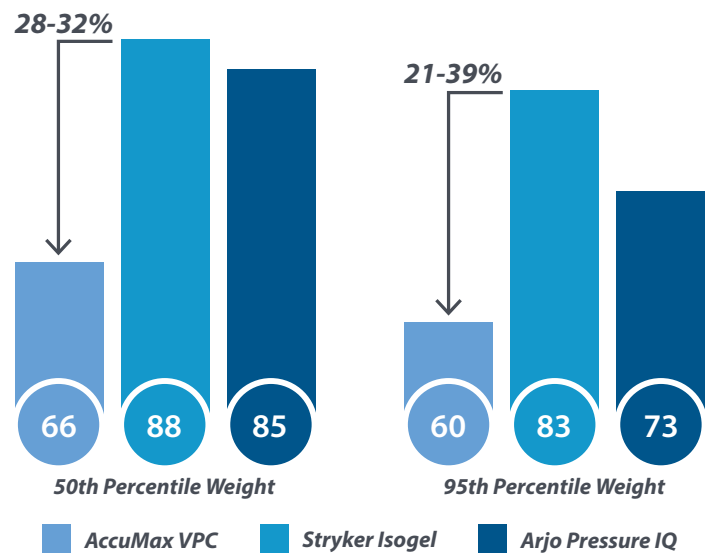
over an eight month period  
according to a study conducted at  
Saint Joseph Medical Center, Joliet, IL.<sup>1</sup>

AccuMax Quantum™ Surfaces  
reduce peak sacral  
pressure by

# 28-39%

versus Stryker and Arjo  
across a wide range of patient weights.<sup>2</sup>

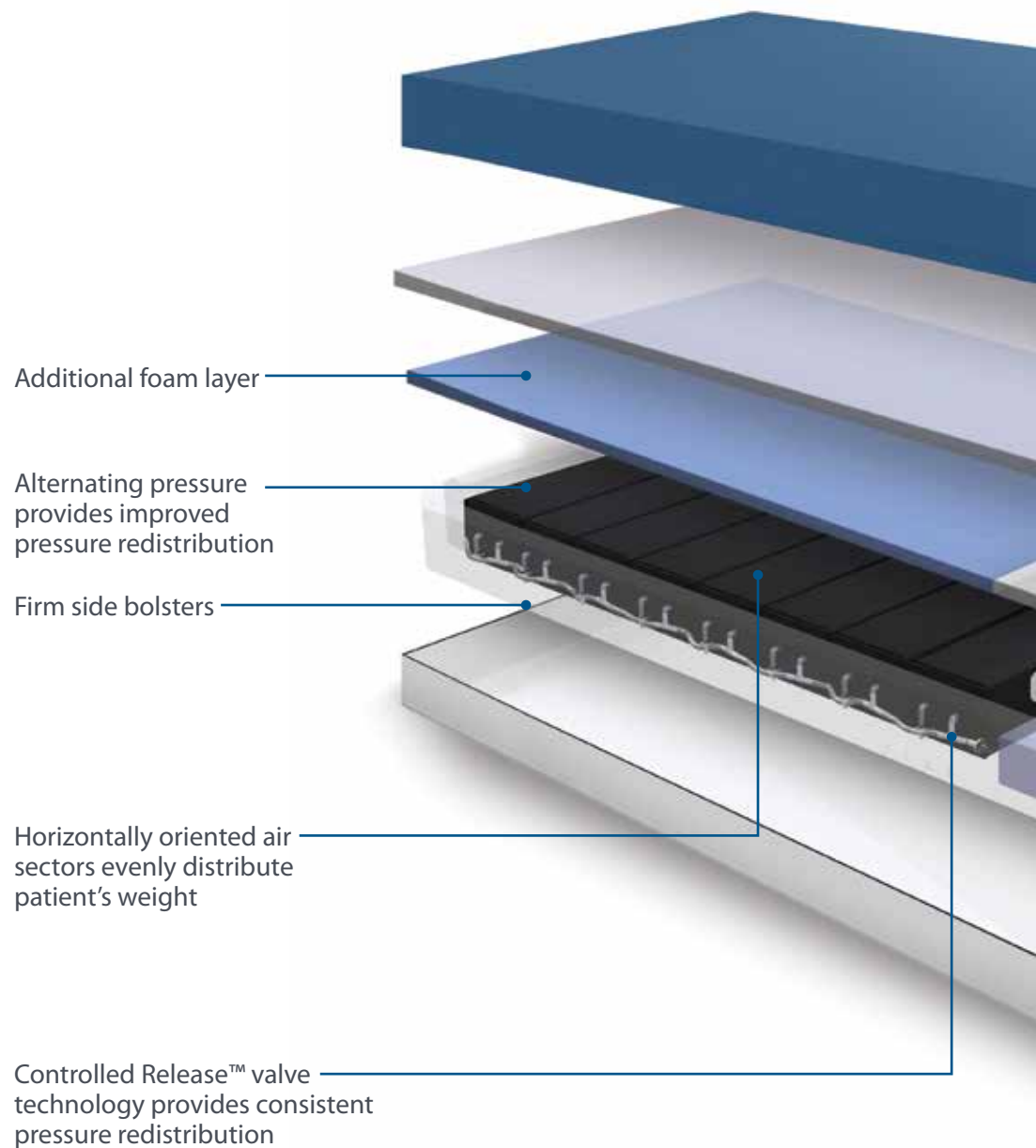
## Peak Sacral Pressure\* Measured in millimeters mercury (mmHg)



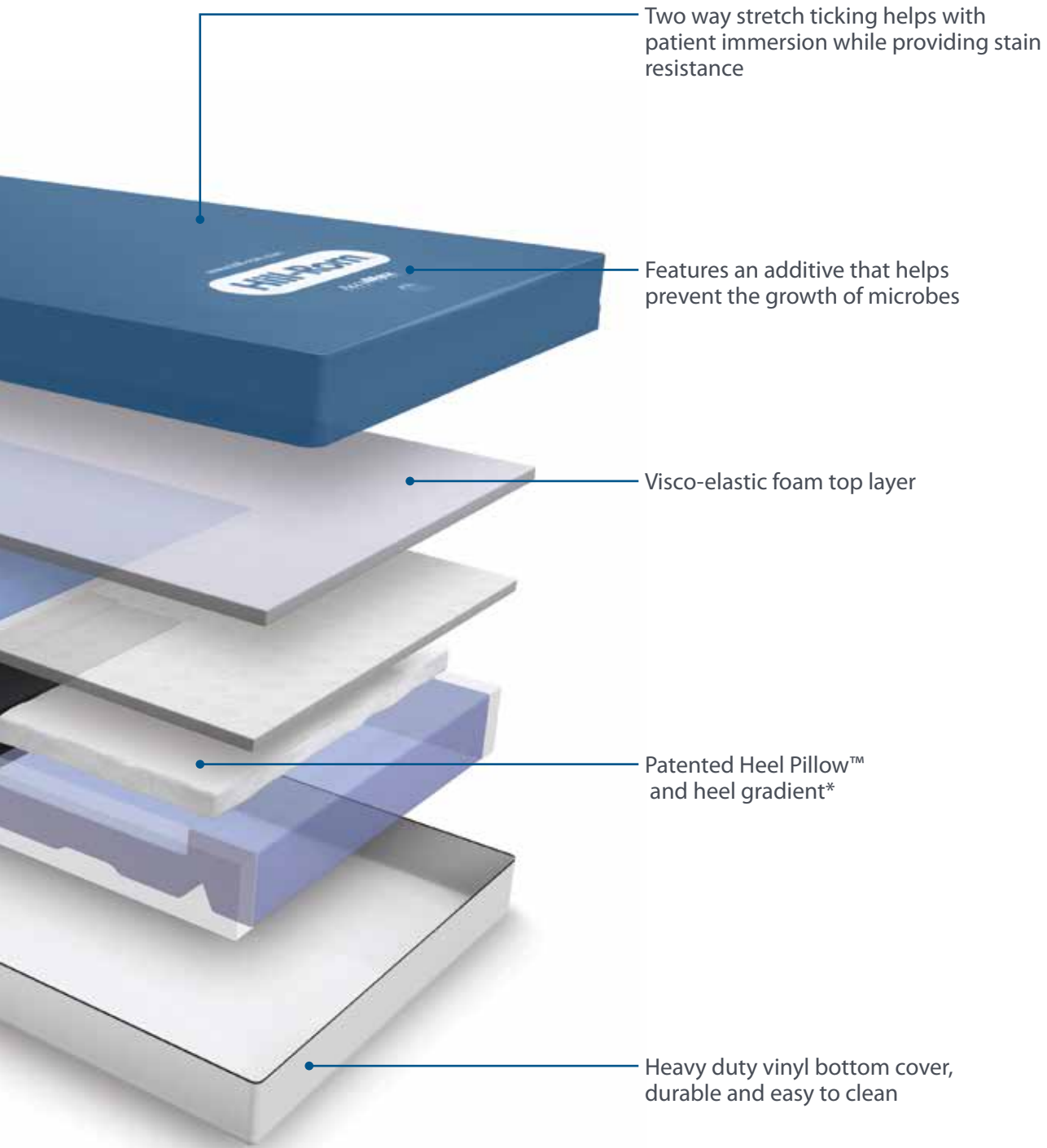
\*Test conducted at 30° HOB

**Pressure Mapping vs. Peak Sacral Pressure:** The Peak Sacral Pressure Test is a more accurate and consistent way to measure surface pressure redistribution performance as compared to Pressure Mapping. In addition to pressure, testing also accounts for immersion and envelopment. This test method is currently under review by the NPUAP Support Surfaces Initiative.

AccuMax Quantum™ VPC surface combines multiple technologies to provide targeted and customized pressure redistribution for optimal patient support.



\*Not on step-deck models



Two way stretch ticking helps with patient immersion while providing stain resistance

Features an additive that helps prevent the growth of microbes

Visco-elastic foam top layer

Patented Heel Pillow™ and heel gradient\*

Heavy duty vinyl bottom cover, durable and easy to clean

AccuMax Quantum™ VPC surfaces are designed to fit a variety of frames.





### VersaCare® bed frame:

- Unique pan design, precision die-cut construction of heel section creates a wider pressure redistribution area and allows mattress to extend or retract with bed frame.
- Seven horizontally oriented air sectors and four anatomically inspired pressure redistribution zones.



### CareAssist® ES bed frame:

- Bevelled side edges and modified head and foot ends to accommodate the CareAssist® ES bed frame.
- Nine horizontally oriented air sectors and six anatomically inspired pressure redistribution zones.



### Progressa® bed frame with prevention surface:

(dining chair model only):

- Expansion folds and precision die cut construction allow mattress to extend or retract with bed frame and accommodate unique frame articulation.
- Nine horizontally oriented air sectors and five anatomically inspired pressure redistribution zones.



### Hill-Rom® Stretcher Portfolio:

- With the AccuMax Quantum™ stretcher mattress, prevention of pressure ulcers begins in the ER.

Hill-Rom is a leading global medical technology company with approximately 10,000 employees worldwide. We partner with health care providers in more than 100 countries by focusing on patient care solutions that improve clinical and economic outcomes in five core areas: **Advancing Mobility, Wound Care and Prevention, Clinical Workflow, Surgical Safety and Efficiency, and Respiratory Health**. Around the world, Hill-Rom's people, products, and programs work towards one mission: **Every day, around the world, we enhance outcomes for patients and their caregivers.**

1. Strilko Becky RN CWOCN, et al. May/June 2005. Effects of a non-powered dynamic surface on reducing facility-acquired pressure ulcers. JWOCN, 32, S18.
2. Lachenbruch C, et al. 2015, Data on File.

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