



THE CHALLENGING MED-SURG ENVIRONMENT REQUIRES A BALANCE OF KEEPING PATIENTS SAFE AND SATISFIED.

That's why Hillrom's family of surfaces is designed with innovative technology to help manage pressure, shear and moisture to deliver optimal wound prevention and healing.

The Hillrom™ pro+ surface provides advanced technology that delivers superior pressure redistribution and microclimate management.

Pressure injuries are prevalent and costly.

**IN THE AVERAGE
100-BED FACILITY,**

170

**PATIENTS WILL ACQUIRE
A PRESSURE INJURY.**

Results: Your facility could bear costs of \$1.8 million or more per year.^{1,2,3}



HILLROM™ PRO+ SURFACE

- 1 Advanced Microclimate® therapy is proven to effectively remove excess heat and moisture away from the patient's skin, especially through the sacral area, where pressure injuries are more common.⁴
- 2 Customized non-powered pressure redistribution adjusts to patient weight and movement for optimal pressure redistribution, shear management, and patient comfort
- 3 Cross contamination risk may be reduced through the integrated blower design.
- 4 Integrated blower design can help improve caregiver efficiency and therapy delivery.
- 5 Patient comfort levels can increase as compared to similar low air loss surfaces.⁵
- 6 Quiet operation
- 7 Sloped heel section can off load pressure in vulnerable heel area.
- 8 Intuitive status indicator provides quick identification that Advanced Microclimate® Therapy is being delivered.

TECHNICAL SPECIFICATIONS

Width	35.5" or 38.5"
Length	80" or 87.5"
Height	8"
Patient Weight	70 – 500 lbs
Seams	Welded
Surface Weight	50 lbs
Frame Compatibility	Step-deck and flat-deck
Warranty	Top Cover: 1 Year Blower Unit: 1 Year Internal Components: 5 Years

Flammability Standards

Cal TB-129, State of California, Bureau of Home Furnishings and Thermal Insulation Technical Bulletin Number 129, entitled "Flammability Test Procedure for Mattresses for Use in Public Buildings," dated October 1992; 16CFR1632 (1-1-14 Edition); NFPA 101-2012, Life Safety Code; BFD IX-11, Mattress Fire Test, dated September 1, 1993 (Boston); 16CFR1633 (1-1-14 Edition); CAN/CGSB-4.2 No. 27.7-2013, Textile Test Methods, Combustion Resistance of Mattresses - Cigarette Test

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¹2014 AHA Data.

²2013 IPUP™ Survey Results. Data on file.

³Jackson, et al. "Pressure Ulcer Prevention in High Risk Postoperative Cardiovascular Patients" Crit Care Nurse. 2011;31:44-53.

⁴Black J, et al. Pressure ulcer incidence and progression in critically ill subjects: Influence of a low-air loss mattress versus a powered air redistribution mattress. J Wound Cont Nurs. 2012;59(5)267-275.

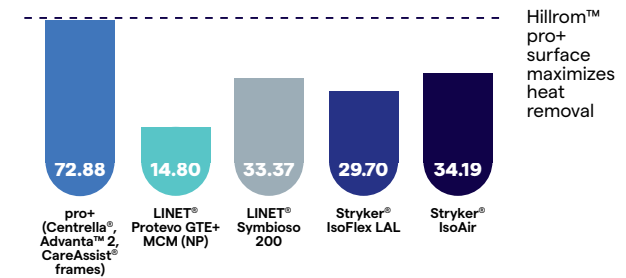
⁵Hillrom Internal Test Results. Data on file.

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PROVEN SURFACE PERFORMANCE

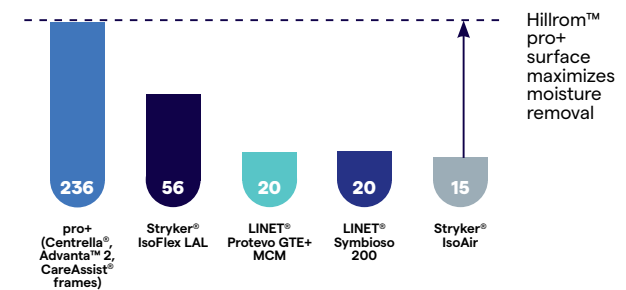
Dry Flux*

Measured in grams of H₂O removed per square meter per hour (g/m²-hr)



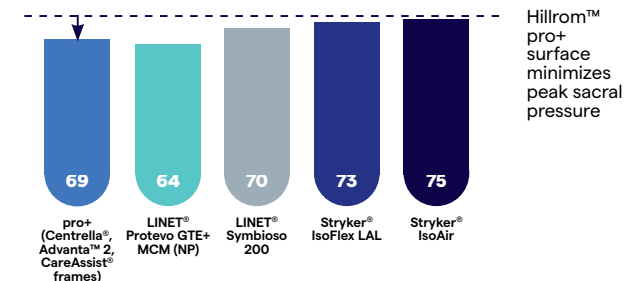
Evaporative Capacity*

Measured in grams of H₂O removed per square meter per hour (g/m²-hr)



Peak Sacral Pressure**

Measured in millimeters mercury (mmHg)



*30 (use degree symbol) head-of-bed elevation

** Data weighted for head-of-bed elevation angle frequency.



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PRODUCT COMPARISON

max vs Envision vs pro+ vs P500 Surfaces



max Surface



Envision Surface



pro+ Surface



P500 Surface

Surface Type	Weight-based pressure redistribution with low air loss	Weight-based pressure redistribution with low air loss	Targeted non-powered pressure redistribution with low air loss	Weight-based pressure redistribution with low air loss
Pressure Redistribution	Weight-based pressure redistribution automatically adjusts to patient weight and bed position for optimal pressure redistribution, shear management, and patient comfort.	Weight-based pressure redistribution automatically adjusts to patient weight and bed position for optimal pressure redistribution, shear management, and patient comfort.	Targeted pressure redistribution zones automatically respond to patient movement, creating custom pressure redistribution.	Weight-based pressure redistribution automatically adjusts to patient weight and bed position for optimal pressure redistribution, shear management, and patient comfort.
Peak Sacral Pressure ¹ (mmHg)	63.9	45.9	69.1	69.4
Microclimate Management	Focused Advanced Microclimate Therapy uses circulating air to remove excess heat and moisture from the skin, especially through the sacral area.	Advanced Microclimate Technology pushes airflow underneath the patient from one end of the surface to the other, helping remove heat and moisture.	Focused Advanced Microclimate Therapy uses circulating air to remove excess heat and moisture from the skin, especially through the sacral area.	Advanced Microclimate Technology pushes airflow underneath the patient from one end of the surface to the other, helping remove heat and moisture.
Heat Withdrawal ¹ (W/m ²)	65.2	33.4	72.9	35.5
Evaporative Capacity ¹ (g/m ² per hour)	103.6	43.8	235.6	32.5
Turn Assist	Yes	Yes	No	Yes
X-ray Sleeve	Yes	No	Yes	Yes
Heel Slope/Dedicated Heel Zone	Yes	Yes - vertical air cell technology	Yes	Yes
Integrated Pump	Yes	No - external pump required	Yes	No - external pump required
Sleep Mode	No	No	No	Yes
Seams	RF Welded	Sewn	RF Welded	Sewn
Surface Height	8"	8" (flat deck); 10.875" (step deck)	9" (flat deck); 8.5" (step deck)	8"
Surface Width	36" (purchase); 40" (purchase)	36"	36" (rental/purchase); 40" (purchase)	36"
Surface Length	76 - 88"	84"	76 - 88"	84" (flat deck)
Maximum Patient Weight	500 lbs	400 lbs	500 lbs	500 lbs

¹ Hillrom Internal Test Results: LR05025, LR04790, LR10466, LR10304, LR00972, LR00873, LR05304 and LR05305.

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Product Comparison

PRO+ VS. P500 SURFACES



The challenging Med-Surg environment requires a balance of keeping patients safe and satisfied.

The pro+ surface combines multiple technologies to provide targeted and customized non-powered pressure redistribution for optimal patient support and comfort, while providing Focused Advanced Microclimate® Therapy to help keep patients' skin safe.

Why does Focused Advanced Microclimate® Therapy matter?

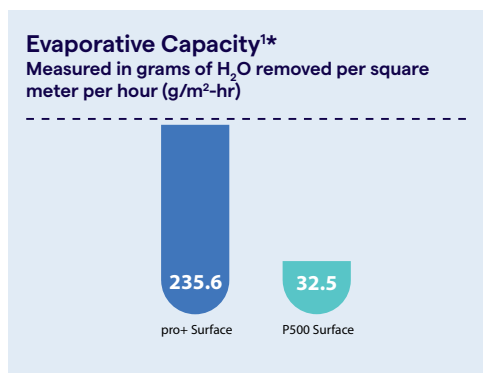
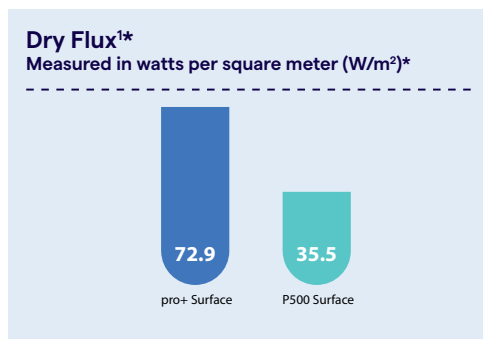
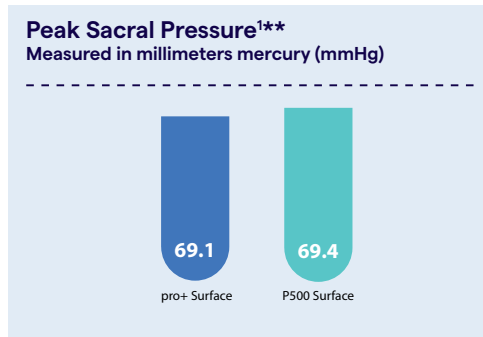
Low air loss surfaces were designed to help regulate the microclimate of the skin (optimum ranges of temperature and humidity), a vital factor in the prevention and control of pressure injuries. Without recognized standards of performance in this area, Hillrom scientists conducted internal studies to determine an optimal performance range for their Focused Advanced Microclimate® Therapy surfaces to achieve the desired microclimate management of skin. As a result, Hillrom, through a precise combination of airflow, air temperature and material technologies, can effectively remove excess heat and moisture from a patient's skin to achieve a range of performance - between approximately 90 to 96° F when the back is cooled - which our studies suggest provides comfort and enhanced therapeutic performance.



Product Comparison

PRO+ VS. P500 SURFACES

Experience the difference with Hillrom's advanced pressure redistribution and microclimate management technologies for the prevention and treatment of pressure injuries.



Features	pro+ Surface	P500 Surface
Pressure Redistribution	Targeted pressure redistribution zones automatically respond to patient movement, creating custom pressure redistribution. As pressure changes, intake/output valves release displaced air to achieve a therapeutic low-pressure balance.	Weight-based pressure redistribution optimizes immersion and envelopment for a patient's specific weight, automatically adjusting pressure in different zones in response to patient positioning.
Microclimate Management	Focused Advanced Microclimate® Therapy uses circulating air to remove excess heat and moisture from the skin, especially through the sacral area.	Advanced Microclimate® Technology pushes airflow underneath the patient from one end of the surface to the other, helping remove heat and moisture.
X-ray Sleeve	Yes	Yes
Maximum Patient Weight	500 lbs	500 lbs
Width	36" (rental/purchase), 40" (purchase)	35"
Length	76" - 88"	84"
Height	9" (flat deck); 8.5" (step deck)	8"
Surface Weight	48 - 52 lbs	45 lbs
Seams	RF Welded	Sewn
Zippers	360° - 2" fluid proof zipper flap	2" zipper flap
Heel Slope/ Dedicated Heel Zone	Yes	Yes
Turn Assist	No	Yes
Integrated Pump	Yes	No (external pump required)

*30 degree head of bed elevation

**Data weighted for head-of-bed angle frequency

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¹ Hillrom Internal Test Results. Data on file.

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