

Hill-Rom®

## P500 Therapy Surface



# P500 Therapy Surfaces have demonstrated proven performance in preventing pressure ulcers.

### **The Challenge**

A pressure ulcer can extend length of stay by 4 days.<sup>1</sup>

### **The Solution**

Through our combination of people, processes and technology, Hill-Rom is committed to helping you improve skin outcomes for your patients with the use of protocols and products.

### **A Better Outcome**

52 patients, evaluated by Black, et al, in a surgical ICU at the University of Nebraska, were hemodynamically unstable and/or were likely to have problems with moisture. Many required mechanical ventilation and cardiac devices. Patients were placed on either an existing integrated power air redistribution mattress or on the P500 surface.

## KEY FEATURES AT A GLANCE

- *Advanced Microclimate® Technology Low Air Loss*
- *Turn Assist*
- *Weight-based pressure redistribution*
- *Bed Exit Alarm*
- *30° Head-of-Bed Sensor*
- *500 lb Weight Limit*
- *Designed to fit flat deck frames*
- *RemindMe® Alarm Settings*
- *X-Ray Cassette Sleeve*

Enhancing outcomes for patients and their caregivers:

**Hill-Rom**

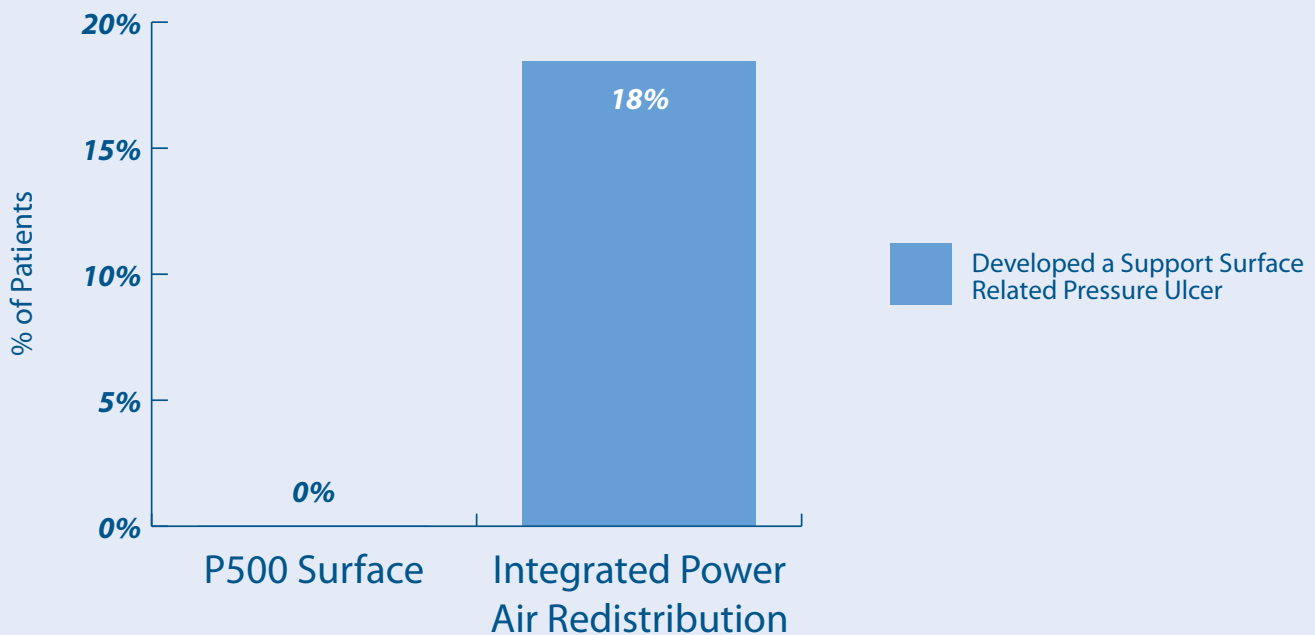
## *The P500 Therapy Surface aids in the prevention/treatment of pressure ulcers.*

### **P500 Therapy Surface**

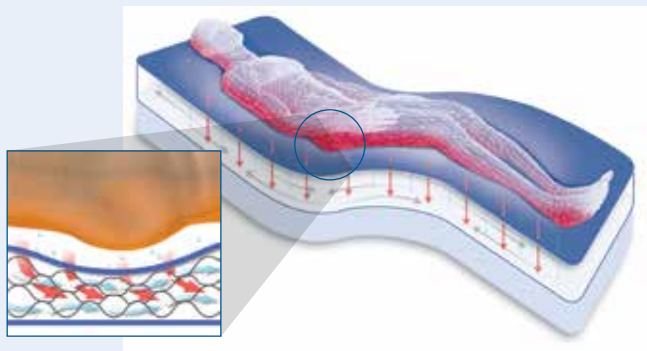
- The Black, et al study found that the P500 surface decreased the incidence of pressure ulcers associated with the bed surface in a surgical ICU when compared to an integrated power air redistribution mattress.<sup>2</sup>
- The Black, et al study found that the P500 surfaces promote the healing of pressure ulcers: patient with suspected deep tissue injury was placed on a P500 surface using recommended turning protocols and the ulcer resolved.<sup>2</sup>



## DEVELOPED SUPPORT SURFACE RELATED PRESSURE ULCER



## *The P500 Therapy Surface supports safe skin and patient comfort using advanced technology.*



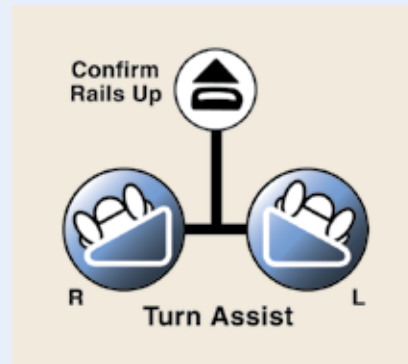
### **Advanced Microclimate® Technology**

- Combines airflow\* and materials technology to manage patient's skin microclimate
- Air temperature within the surface is optimally maintained to keep the patient's skin cool, dry and comfortable
- Vented coverlet allows heat and moisture accumulation to exit surface away from the patient



### **Weight-based Pressure Redistribution**

- Weight-based pressure redistribution for patients between 70 lbs and 500 lbs
- Automatic surface adjustments based on patient's unique body features and position in bed
- Quilted top layer for superior comfort



### **Turn Assist**

- Provides comfortable means of repositioning the immobile patient
- May aid in reducing caregiver injury
- Confirm Rails Up feature for additional patient safety



### **Bed Exit Alarms**

- Single-mode, patient out-of-bed alarm
- Visual and audible alarm with adjustable volume

\*A precise flow rate moves air horizontally under the surface and exits at the head end to prevent heat build up.

Hill-Rom®  
**P500 Therapy Surface**

**ADVANCED MICROCLIMATE® TECHNOLOGY  
 NEXT GENERATION LOW AIR LOSS**

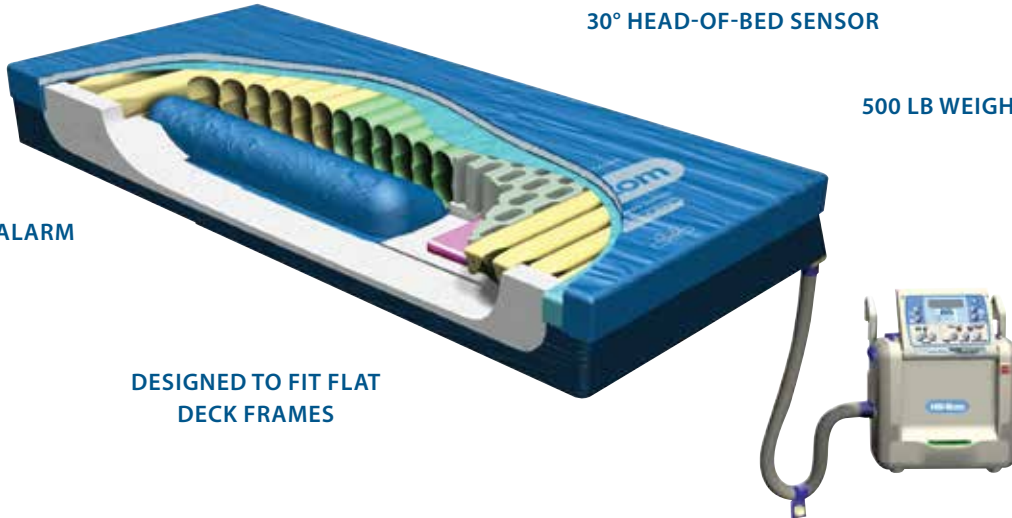
**TURN ASSIST**

**30° HEAD-OF-BED SENSOR**

**500 LB WEIGHT LIMIT**

**BED EXIT ALARM**

**DESIGNED TO FIT FLAT  
 DECK FRAMES**



**Technical Specifications**

**Mattress**

L x W x D (inflated)	84" x 35.5" x 8"
Weight	45 lbs ± 2 lbs
Therapeutic weight limit	500 lbs

**Air Supply Unit**

L x W x D	13.75" x 14.5" x 8.5"
Weight	30 lbs ± 2 lbs

Power supply	120 VAC +/- 10% @ 60 Hz single phase
Operating temperature range	+15°C to 40°C
Relative humidity range	10% to 90% (non-condensing)
Storage temperature range	-40°C to +70°C
Relative humidity range	10% to 95% (non-condensing)
Transport inflation time	3 hours minimum*

\* During transport or power failure, the surface will stay at its current pressure levels for approximately 3 hours.

1. Graves, et al. *Infect Control Hosp Epidemiol.* 2005; 26:293-297)
2. Black J, Berke C, Urzendowski G. 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.

Hill-Rom reserves the right to make changes without notice in design, specifications and models. The only warranty Hill-Rom makes is the express written warranty extended on the sale or rental of its products.

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MEDICAL ELECTRICAL  
 EQUIPMENT CONFORMS  
 TO UL Std. 60601-1,  
 IEC 60601-1-4 and  
 CERTIFIED TO CAN/CSA  
 Std. C22.2 NO. 601.1

Enhancing outcomes for  
 patients and their caregivers:

