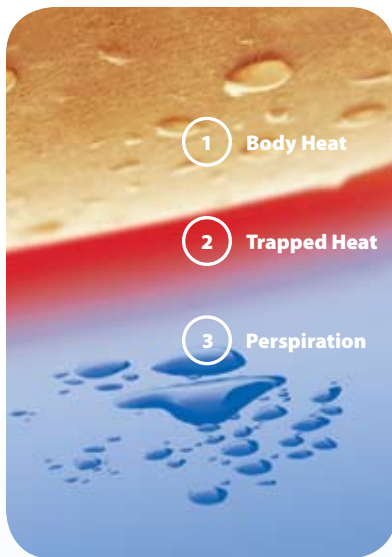


Next Generation Low Air Loss Technology

Manage Your Patient's Microclimate with Advanced Microclimate™ Technology.

Effectively managing the temperature and humidity beneath a patient, or the patient's microclimate, can greatly enhance a patient's comfort and help prevent pressure ulcers. Hill-Rom surfaces with Advanced Microclimate™ technology, the next generation of low air loss, remove both excess heat and moisture from the surface for cooler, dryer skin.



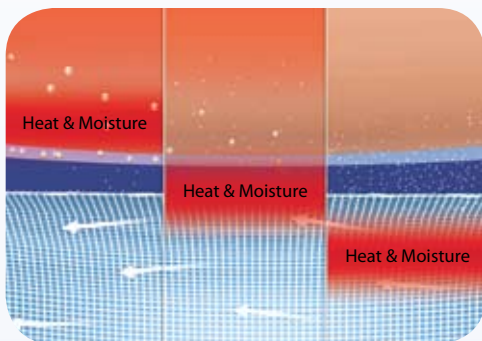
Skin Microclimate

1. Body heat is transferred from the skin to the surface.
2. Trapped heat causes skin temperature to rise.
3. Perspiration occurs and moisture builds up on the surface.

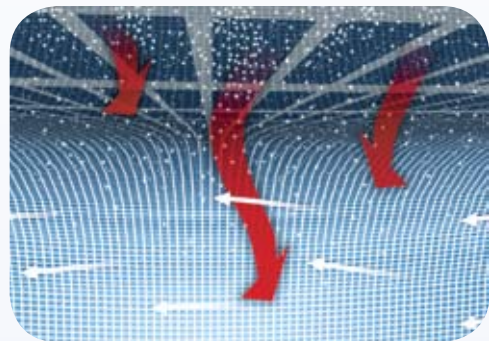
This excess temperature and moisture build up negatively affects the microclimate of the skin, making it more susceptible to the damaging effects of pressure, shear and friction.

Because wet skin is more likely to tear than dry skin, achieving the optimum ranges of temperature and humidity is a vital factor in the prevention and treatment of pressure ulcers.

For a surface to manage the patient microclimate, it must effectively reduce both heat and moisture accumulation on the skin.



The moving airflow removes excess heat and moisture vapor from the skin and surface interface.



Excess heat and moisture vapor are drawn into the airflow below the cover before exiting into the atmosphere.

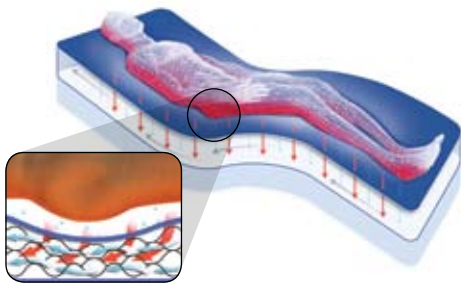
Hill-Rom

Enhancing Outcomes for Patients and Their Caregivers.™

Experience safer skin with Hill-Rom's latest Advanced Microclimate™ Technology!

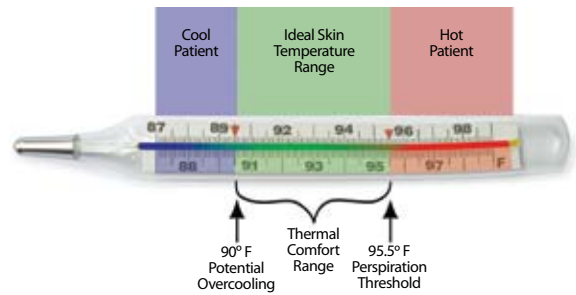
Through a combination of technologies, Hill-Rom's advanced microclimate surfaces help manage the patient's skin microclimate.

Airflow



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

Air Temperature

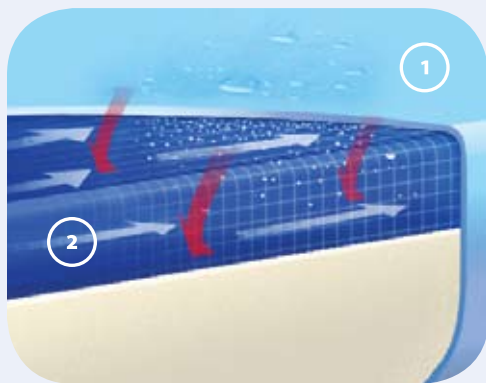


Air temperature within the surface is optimally maintained to keep the patient's skin cool, dry and comfortable.

Material Technologies

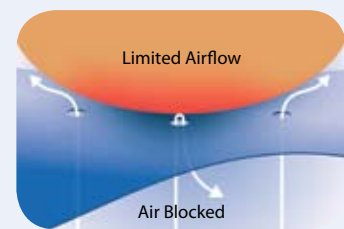
Advanced technology designed to remove excess heat and moisture while providing optimum patient comfort and stain resistance.

Advanced Microclimate™ Technology



1. High moisture vapor permeable cover.
2. Breathable crush resistant air channels:
 - Allows for increased air circulation and flow for industry leading moisture vapor removal.
 - Maintains open matrix for continuous airflow beneath the patient in any bed position.

Conventional low air loss



- Patient can block air holes, limiting the airflow that reaches the skin.
- Patient may experience discomfort due to the airflow being too cool.

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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Enhancing Outcomes for Patients and Their Caregivers.™

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