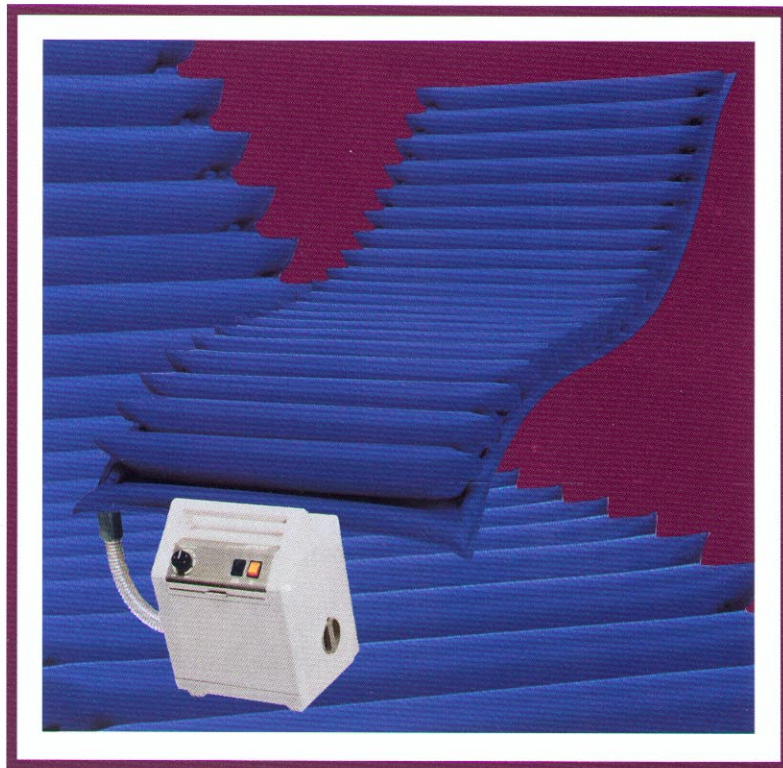


A H I L L - R O M S O L U T I O N



A C U C A I R
C O N T I N U O U S A I R F L O W S Y S T E M

Hill-Rom[®]
A HILLENBRAND INDUSTRY

ACUCAIR®

CONTINUOUS AIRFLOW SYSTEM

The ACUCAIR Continuous Airflow System is the ideal solution for comfort, prevention and early intervention of pressure ulcers in the low to moderate risk, uncomplicated patient.

AIR PILLOWS

Twenty interconnected air pillows that yield to patient movement – together with a low-friction MVP (Moisture Vapor Permeable) Coverlet of HY•TEX® Breathable Fabric – reduce the damaging forces of shear and friction.

MICRO AIR VENTS

Micro air vents in the ACUCAIR Cushion enhance air circulation necessary to control maceration. Patients are drier and more comfortable.



ADJUSTABLE CUSHION STRAPS

Wraparound, adjustable cushion straps and non-slip bottom helps keep the ACUCAIR Air Cushion in place while in use.

AIR SUPPLY UNIT

The ACUCAIR Air Supply Unit continuously monitors Air Cushion pressure, which can reduce the need for frequent hand checks.

COMFORT CONTROL

Adjusts Air Cushion firmness to suit individual patient comfort needs while maintaining continuous pressure reduction.

AUDIBLE/VISUAL ALARM

Illuminates and sounds to alert staff of low cushion pressures. Alarm may be silenced with same control.

ON/OFF SWITCH

Controls both power and rapid inflation/deflation. Air Cushion inflates in 20 seconds, even with patients in place, and deflates in less than 7 seconds.

“Acucair is an effective low air loss overlay for management of maceration.”

*Hope Voegeli, RN, CETN
Jackson-Madison County General Hospital
Jackson, TN*

“Acucair was introduced for prevention of pressure ulcers, but has demonstrated efficacy in the treatment of Stage I and II pressure ulcers.”

*Janise Edmiston, RN, MSN, CCRN
Jackson-Madison County General Hospital
Jackson, TN*

EFFECTIVE • SIMPLE • EFFICIENT

PROVIDES CONTINUOUS PRESSURE REDUCTION

The mattress overlay system continuously monitors internal cushion pressure and maintains that pressure at a constant level regardless of head elevation, position changes, or punctures.

EASIER PATIENT EGRESS

Because the ACUCAIR Air Cushion inflates and deflates rapidly, placement and transfer are as easy as helping patients into and out of standard beds.

CPR COMPATIBLE

Air Cushion deflates rapidly in less than 7 seconds.

IGNORES REPEATED CUSHION PUNCTURES

The ACUCAIR System maintains effective support even in the event of multiple cushion punctures.

THE SYSTEM IS ECONOMICAL

Prevention of pressure ulcers with the ACUCAIR System can save nursing time, contribute to shorter hospitalization and reduce associated costs.

ASSISTS IN CONTROL OF MACERATION

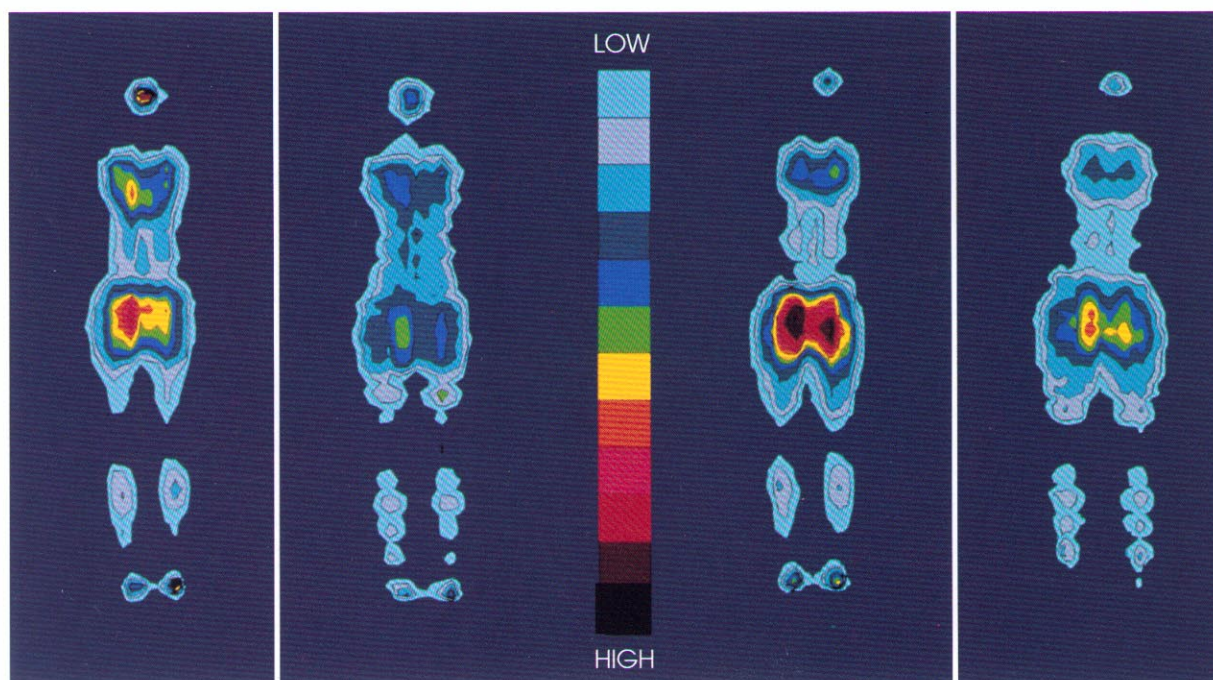
The Agency for Health Care Policy and Research (AHCPR) concluded that "when excess moisture on intact skin is a potential source of maceration and skin breakdown, a support surface that provides airflow....can be important in drying the skin and preventing additional pressure ulcers."

PRESSURE MAPS

These pressure maps demonstrate the difference in level of pressure reduction provided by the ACUCAIR overlay and a standard hospital mattress.

Single Subject At 0° Head Elevation
Standard Mattress ACUCAIR System

Single Subject At 60° Head Elevation
Standard Mattress ACUCAIR System



"Acucair, We love it. We call it 'You Care'. We initiated a trial six years ago and we continue to use the product because it decreases pressure, maintains skin integrity, and is user friendly."

*Patricia R. Moore, RN, Wound Evaluation Team
Mount Clemens General Hospital
Mount Clemens, MI*

"In addition to providing pressure reduction for the oncology patient population that is at high risk for impaired skin integrity, Acucair has proven very beneficial in the management of pain."

*Renee Kalkbrenner, RN, MSN, CETN
MultiCare Medical Center
Tacoma, WA*

ACUCAIR®

CONTINUOUS AIRFLOW SYSTEM

FEATURE DIFFERENTIATION CHART

ACUCAIR Unit
 Static Air Cushions
 Alternating Pressure Pads
 Water Mattresses
 Foam Overlays

CONTINUOUS, SELF-COMPENSATING SUPPORT Adjusts automatically regardless of head elevation or position changes	■		■		
CONTINUOUS AIRFLOW, MOISTURE CONTROL Keeps skin drier, assisting with control of maceration	■		■		
HY•TEX BREATHABLE COVERLET (Reduces Shear and Friction) Reduces shear and friction • Air permeable, Waterproof	■		■		
VARIABLE COMFORT CONTROL Patient comfort can be customized	■		■		
LOW PRESSURE AUDIBLE AND VISUAL ALARM Two-way alarm effectively alerts caregiver of system problem	■				
RAPID DEFLATE FOR CPR (Less Than 7 Seconds) Facilitates rapid CPR	■	■	■		N/A
RAPID INFLATION (Less Than 20 Seconds) Eases bed ingress/egress	■				N/A
MAINTAINS SUPPORT WHEN PUNCTURED Reduces the risk of bottoming out	■				■
NON-SLIP SECURING STRAPS Stays in place during use	■				
PORTABLE, EASY TO HANDLE Can install without patient transfer	■	■	■		
FLAME RETARDANT MATERIAL Meets CFR 1632.4 California cigarette test	■	■	■	■	

TECHNICAL DATA

Air Supply Unit (Model AC 200):
 Length: 15 in.
 Width: 12.5 in.
 Depth: 9.5 in.
 Weight: 28 lbs.

Reusable MVP Coverlet (Model AC 240):
 Fits over Air Cushion and standard hospital mattress to guard against soilage.

Reusable Air Cushion (Model AC 220):
 Length: 83.5 in. (inflated)
 Width: 35.5 in. (inflated)
 Depth: 4.75 in. (inflated)
 Material: Flame-retardant nylon/urethane construction

POWER REQUIREMENTS

Voltage: 115V AC, 60 Hz
Current
 Starting Current: 5.0 amps
 Max Run Current: 1.6 amps
Noise Level: ≤54 dBa at 1 meter

STANDARD FEATURES

The ACUCAIR Continuous Airflow System is delivered complete with Air Supply Unit, Air Cushion, and MVP coverlet.

DIRECT CUSTOMER SERVICE HOTLINE:
USA 800-638-2546
CANADA 800-267-2337

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 W6167-197

¹ Clinical Practice Guideline, Number 15
 Treatment of Pressure Ulcers
 U.S. Department of Health and Human Services
 Public Health Service
 Agency for Health Care Policy and Research
 Rockville, Maryland
 AHCPR Publication No. 95-0652
 December 1994

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