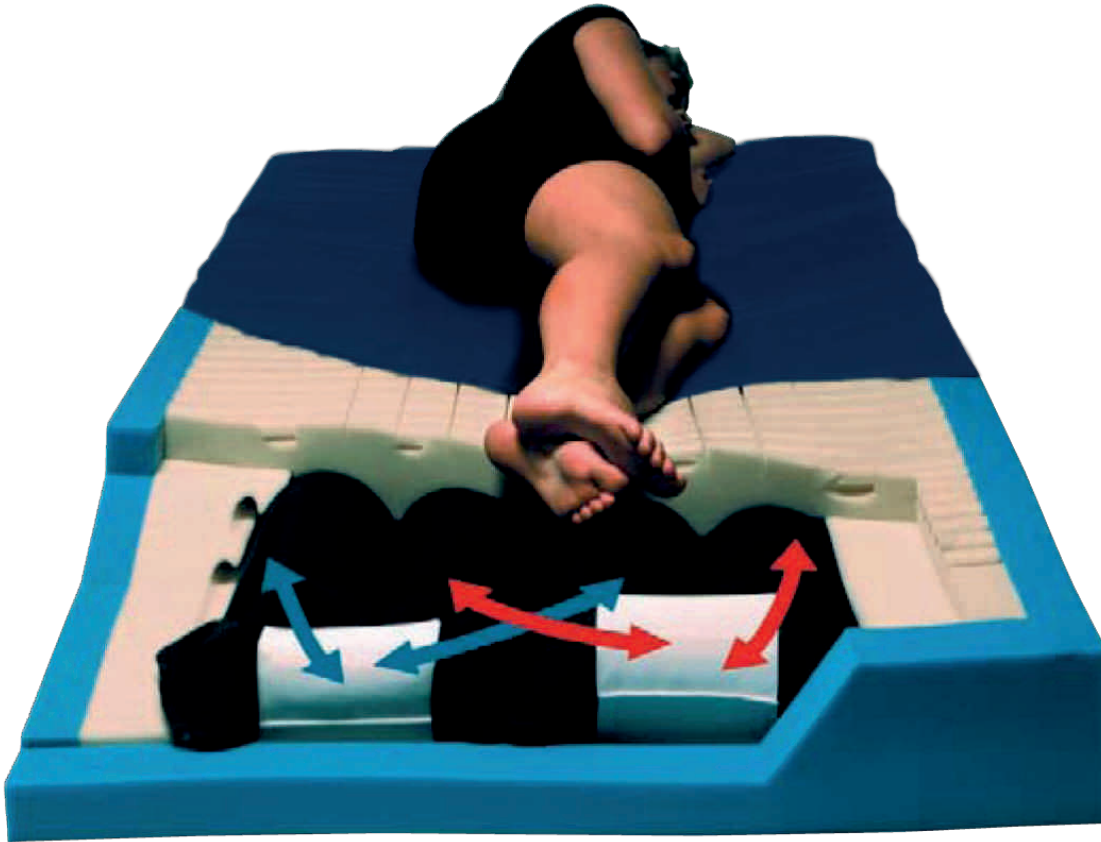


PressureGuard CFT[®]

Non-powered Dynamic Air/Foam Mattress System



Clinically proven Constant Force Technology™

Patented* air system delivers powerful pressure management without power. Automatically self-adjusts to the appropriate, therapeutic level, regardless of the user's weight or position.

* US Patent #'s 5,649,331, and 5,652,985, with other patents pending.

Hassle-free Performance

Simple set-up, programming, or maintenance.

Wipes clean. Generates no noise or heat, and uses no electricity, making it immune to power interruptions.

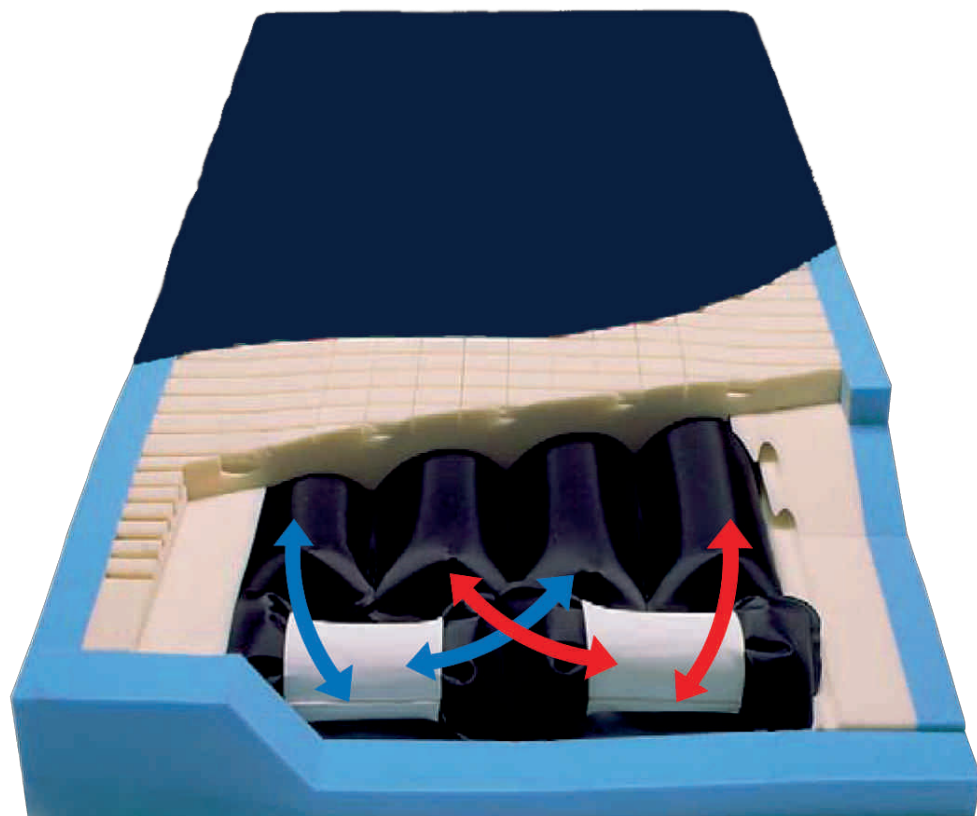
The Safety Edge™

Patented, multi-component perimeter minimizes risks associated with edge-of-bed/entrapment issues and patient transfers.

SPANAmerica
Innovative Solutions.

PressureGuard CFT[®]

Non-powered Dynamic Air/Foam Mattress System



Powerful results – without power!

Sound simple? With a standard static air system, it is. But the all-new PressureGuard CFT is truly different. It uses patented Constant Force Technology™ to automatically adjust its network of interconnected air cylinders and elasticized reservoirs to the appropriate, therapeutic levels for each patient, regardless of their weight or position (see right). Delivers customized pressure relief comparable to low air loss and other powered systems. A clinically-effective solution for ulcer prevention and treatment, and the cost-effective alternative when resources limit care options.

Constant Force Technology™ at Work



With user supine, dual, elasticized reservoirs react independently in concert with surface, keeping pressures evenly distributed throughout mattress.

Result: Greater immersion into system increases surface area, lowering pressures to levels previously achievable only with powered systems.



When user shifts to side-lying, air flows from areas of high pressure concentration (pelvis, shoulder) into corresponding reservoir.

Result: Reservoir absorbs this displaced air to accommodate load and re-equalize pressures without surface bottoming out.

Specifications



Clinically - proven Geo-Matt® design* creates a unique anti-shearing top surface. 800 individually-responsive cells in distinct head, torso, and foot zones enhance therapeutic support and comfort.

*U.S. Patent No. 4,862,538

Safety Edge™

Firmer perimeter bolsters gently prompt patient toward center of bed without awkward buildups that obstruct entry and egress. Facilitates safer transfers and stable edge-of-bed sitting.



Shaped, slotted inner bolsters and topper's underside arches work in concert to cradle and surround air cylinders. Interlocking, integrated design provides flexible, progressive support and maximizes structural integrity.



Quick-connect ports under top cover for simple re-inflation or adjustment of air system via hand pump.



Exclusive Heel Slope™ feature redistributes load to pressure-tolerant lower legs and calves. Subtle taper reduces heel pressures while providing complete foot support.

Every air system is thoroughly inspected and tested prior to shipment to maximize performance in the field.

Standard vapour barrier cover fabric has ultra-low moisture vapour transmission (MVT) rate. Fluid-proof urethane coated lead-free polyester stretch fabric is easily cleaned, bacteriostatically treated, anti-fungal, anti-static and meets Crib 5 flammability requirements.

ERGOCHECK® Computerized pressure mapping confirms outstanding pressure distribution and low average of peak pressures.

SUBJECT: Male, 5'10", 180 lbs.



PEAK INTERFACE PRESSURES

(in mmHg)

Scapula	19
Sacrum	20
Heels	<10
Trochanter	24

Item No.

Description

Dimensions

7535-29CE	Pressure Guard CFT Mattress - Single	35" W (89cm) x 75" L (190.5cm) x 7" H (17.78cm)
7548-29CE	Pressure Guard CFT Mattress - 4 foot wide	48"W (122cm) x 75" L (190.5cm) x 7" H (17.78cm)
7554-29CE	Pressure Guard CFT Mattress - Double	54"W (137.2cm) x 75" L (190.5cm) x 7" H (17.78cm)
8060-29CE	Pressure Guard CFT Mattress - King	60"W (152.4cm) x 80" L (203.2cm) x 7" H (17.78cm)

Cover:

Fluid-proof urethane coated lead-free polyester stretch fabric, bacteriostatically treated, anti-fungal, and anti-static. Wipe clean with neutral suds and lukewarm water. Meets flammability requirement BS7175 1989: Crib Source 5.



Weight limit: 500lbs / 227kg / 35 stone

Mattress weight: 21lbs / 9.53kg

Warranty: 5 years

PressureGuard CFT[®]

Abstracted Studies:

“‘Constant Force Technology’ vs. Low-Air-Loss in the Treatment of Wounds”

Raquel Branom, RN, BSN, CETN, Vencor, San Diego and Laurie Rappl, PT, CWS; Ostomy/Wound Management September 2001:47(9):38-46. This study compares the effects of the PressureGuard CFT (Constant Force Technology) with low-air-loss surfaces on wound healing rates and patient outcomes. Patients with Stage III or IV ulcers were randomized to either the CFT or low-air-loss, and followed over 8 weeks. The CFT resulted in a 60% faster rate of wound closure. In addition, 100% of the patients placed on the CFT met, were meeting, or exceeded their goal of wound maintenance or closure, compared with 63% of the patients on low-air-loss.

“Effectiveness of the PressureGuard CFT Bariatric Model for the Obese Patient”

Valerie Barnes, RN, CETN, Grady Health System, Atlanta, GA

Clinical Reports: Series on Skin and Wound Care Management, Oct. 1997.

This article documents the results of using the PressureGuard CFT Bariatric Model for six patients between 350 and 700 lbs. All achieved their goals for skin management - prevention of ulcers - or wound management.

“PressureGuard CFT in Acute Care, ICU, and Post-Graft: Performance and Cost-Savings”

Karen Ross, RN, MA, CETN, Highland Hospital, Oakland, CA; in Clinical Reports: Series on Skin and Wound Care Management, Dec 1998. The CFT gave us similar patient outcomes to low-air-loss for those patients requiring a treatment surface – those who are at high risk for breakdown, who have existing pressure ulcers, or who are immediately post-flap or post-graft. As a result of replacing our 35 ICU beds with the CFT in January 1997, our incidence rate in ICU's on our yearly audit went from 14.25% to 0%, and hospital-wide incidence rate went from 9.4% to 6.2%. The CFT replaced so many rental low - air - loss surfaces that we saved \$54,200 the first year.

“A Dynamic Non-Powered Surface vs. Air-Fluidized Therapy”

Laurie M. Rappl, PT, CWS, in Clinical Reports: Series on Skin and Wound Care Management, March 1998.

Documents pressure mappings on a thin, bony man with recent complete high cervical spinal cord lesion, and halo bracing. Pressure mappings were done both in supine and in 13° head-of-bed elevated on the PressureGuard CFT and on the Clinitron by Hill-Rom. With head flat, maximum pressures on the CFT were only 8 mm. Hg. higher than on Clinitron. With HOB elevated 13°, maximum pressures on CFT were 6 mm Hg. higher than on Clinitron. CFT pressure readings were considered well within safe limits, and improved with head-of-bed elevated.

QUICK FACTS

PressureGuard CFT[®]

Primary Use:

- Treatment of any stage pressure ulcer
- Prevention of skin breakdown in the high-risk patient

Patient Indications:

- Any stage ulcer
- Can be positioned off of ulcer in at least 2 positions
- Highest risk for skin breakdown, or severely compromised (e.g. Braden score 12 or less / Waterlow score 20+)
- History of pressure ulcer(s)
- Repositions infrequently
- Poorly padded bony prominences

Key Advantages:

- Proven for both ulcer healing and prevention
- Outperforms powered systems for wound healing*
- No controls to adjust
- No reliance on power source
- PressureGuard[®] design: stability, safety, anti-shearing

*Studies available upon request

Authorised Distributor

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