

## A Truly Customizable 160 Cell Therapeutic Support Surface

The first true low air loss mattress with 160 individual therapy cells

- Improved flexibility and increased surface area evenly distribute the patient's weight
- 160 cell design provides lower average interface pressures than industry standard of 20 cells

Therapy cells can be closed to achieve flotation zones for wound sites

- Caregiver is empowered with flexibility to reduce pressure on any part of the patient's body
- Any of the 160 cells can be closed off to "float" the wound or surgical site



### Advanced Pressure Ulcer Care

Caring for patients with advanced pressure ulcers or multiple wounds can be costly. If not treated appropriately, the conditions can result in the need for surgery or progress to be more severe and even life threatening.

FlapCair allows facilities to provide relief and manage high costs associated with clinical treatment and recovery time. FlapCair is recommended for:

#### Pressure Relief

- Multiple or advanced pressure ulcers through Stage IV
- Flaps and grafts
- Rehabilitation
- Neurology
- Dermatology
- Burns
- Amputations

#### Pain Management

- AIDS
- Arthritis
- Oncology

### Customizable Pressure Relief

Caregiver can close off individual cells to reduce pressure on wound or surgical sites to "float" the desired area.

Closed loop control system eliminates concerns of changes in mattress interface pressure due to ambient temperature and other variances.



### Addressing Patient Safety

Our proprietary CairRails risk management system offers a solution to address resident falls and entrapment.

CairRails are standard on every FlapCair system.



### Infection Control Management

Our antimicrobial therapy pads are treated to protect from the growth of mold, mildew and odor-causing bacteria.

Antimicrobial treatment is standard on every FlapCair system.



**Therapy Mattress System Features**



Therapy Mattress System Features

- 160 individual therapy cells help to evenly distribute the patient's weight and maximize pressure relief
- Six-inch deep therapy cells provide adequate support and prevent bottoming out for patients within weight limit
- Customizable pressure relief
- Lower two-inch therapy support cell remains inflated in the event of a power failure
- Three zone system: head, seat and foot
- Lower mattress therapy enclosure for stability
- Low shear and low friction nylon therapy pad is treated with an anti-microbial agent
- Maximum weight capacity of 350 lbs.
- Anti-kink, easy clean air supply hose set

**Therapy Control Unit Features**



Therapy Control Unit Features

- True low air loss
- Three modes of operation – *Autofirm*, *Pulsate* and *Therapy*
- *Autofirm* mode provides maximum air inflation to assist both patients and caregivers during patient transfer and treatment.
- *Pulsate* mode oscillates the air throughout the mattress every 30 seconds providing increased patient comfort
- *Therapy* control settings with eight levels to maximize patient compliance and promote healing
- Patient position sensor optimizes support for seated occupants (Fowler boost)
- Quick disconnect hose feature allows for rapid attach and CPR deflate at the control unit
- Automatic panel lock out to avoid unwanted or accidental adjustments
- Specially designed enclosure for low noise and durability.

**System Specifications**

Mattress  
Dimensions..... 36" (89cm)W x 80" (203cm)L x 8" (20cm)D  
Mattress Weight..... 29.5 lbs.  
Maximum weight capacity .....350 lbs. (159 Kg)  
Control Unit  
Dimensions..... 13.5" (34 cm)W x 11" (28 cm)H x 7.5" (19 cm)D  
Control Unit Weight ..... 10 lbs. (4.5 Kg)  
Electrical Specifications ..... 120V AC, 60 Hz, 0.6A

**Warranty**

Two years mattress, one year control unit, cover, and electrical components

**Operating Conditions**

Ambient temperature..... +10°C to +40°C  
Relative humidity ..... 30% to 75% non-condensing

**Storage and Shipping Conditions**

Ambient temperature..... -10°C to +40°C  
Relative humidity ..... 10% to 100%

**Agency Approvals\***

UL Classified Medical Equipment No. 601.1UL 60601-1 Can/CSA C22.2  
\*UL Classification refers to the power unit only, not the complete mattress replacement system.