

With over thirty years of experience, Carilex has established itself as a global leader in the wound care industry by developing state-of-the-art technology in the prevention and treatment of pressure ulcers. Established relationships with medical institutions worldwide allow us to gain critical insight into the needs of our patients and their clinicians. Our expertise in research and development, manufacturing, and quality control and assurance allow us to provide unparalleled products in wound care management in the form of a comprehensive product lines proven in the prevention and treatment of pressure sores and wound. Our strength is in our people and their dedication to and belief in the excellence of the Carilex product. It is evident in our continuous and rigorous devotion to providing the finest medical devices.

Together with commitment and constant innovation, Carilex is driven forward by our motto—CARING MAKES THE DIFFERENCE. All of us at Carilex believe paying extra care in everything we do is the key to make real differences.

We take pride and find joy knowing that our patients are in good hands when they are using Carilex products.

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TheraFlo AP

Microclimate control plus Pulsate with Deep Breathing Exercise (DBE) :
taking greatness to the next level.



Microclimate control with Deep Breathing Exercise (DBE) : taking greatness to the next level.

We give you TheraFlo AP, the mattress replacement system that defies limitations in wound care therapy. TheraFlo AP provides maximum comfort and pressure redistribution, effective microclimate control, and exceptionally intelligent Deep Breathing Exercise.

Take a deep breath--Pulsate with Deep Breathing Exercise (DBE).

Therapy support surfaces immerse patients deep into the surface, this allows a better environment for the treatment of wounds. However, immersion creates shallow breathing due to poor pulmonary posture. TheraFlo AP's Pulsate or DBE mode rapidly lifts the patient from the immersed state to allow the patient's head and shoulders to lay flat on the surface. The patient is encouraged to take long deep breaths during this 90 second cycle. After the 90 second hyper-inflation ends, the pressure rapidly drops to the prior immersion setting to achieve full body off loading and mechanically cause reactive hyperemia, improved perfusion and O2 saturation. Improving patient outcomes and decreasing the length of hospital stays, DBE, an ingenious wound care therapy method.

Caring for our patients down to every last detail.

For patients with sensitive skin condition, insufficient microclimate control can cause serious issues in developing pressure ulcers. Moisture on the skin can cause the skin to lose the dry outer layer and reduce tolerance of the skin for pressure and shear. It may also cause the bonds between epithelial cells to weaken. Temperature also plays an important role in microclimate control. With every 1° C rise in cutaneous temperature, the cutaneous metabolic demand rises 10%. TheraFlo AP provides advance microclimate control through the extraordinary true low air loss technology. With this ground breaking technology, TheraFlo AP offers optimal microclimate control by creating a highly pressurized air flow beneath the coverlet, that is constantly expelling excess humidity. It is this type of intense attention to nuance that sets TheraFlo AP apart from any other wound care systems in the market. We take care of the details, we take care of you.

TheraFlo AP offers superb pressure relief, with microclimate control and DBE – two of the most sophisticated technologies in the market. The results simply cannot be duplicated by traditional alternating pressure systems. We do not stop at being great, we take greatness to the next level.

TheraFlo AP System

TheraFlo AP is a preventive and therapeutic system for management of patients with high risk of developing pressure injuries. The low air loss technology along with highly innovative coverlet material provides a surface with maximum level of pressure release while expelling excess humidity between the mattress and the patient.

TheraFlo AP Power Unit with IPS Technology and 3 Therapy Modes

The IPS Technology, Intelligent Pressure Sensing Technology, responds to patient movements by automatically adjusting internal pressure, which allows TheraFlo AP to regulate airflow and continuously provide total envelopment for our patients. Carilex is the first brand in the industry to master IPS. This technology maximizes patient envelopment due to the ability to accommodate support profile that is in lined with the patient shape providing different pressure in different zones:

- Pillow
- Shoulders
- Sacrum
- Lower Limbs with Heel Guard
- Bridging zone

TheraFlo AP Power Unit also comes with sophisticated design providing 3 distinct therapy modes and complies with the highest standard of the Support Surface Standards Initiative (S3I) by the National Pressure Ulcer Advisory Panel (NPUAP).

Modes :

- Static
- Dynamic
- Pulsate with Deep Breathing Exercise (DBE)

Intelligent Pressure Sensing

Responds to shape and patient movements on mattress by automatically adjusting internal mattress pressure.

1 Static Mode

Offers continuous low internal pressure for maximum weight-bearing areas and conformation of the body.

2 Pulsate with DBE Mode

Lifting the patient from the immersed state to allow patient's head and shoulders to lay flat on the surface, that will improve the breaths deepness during DBE sessions.

3 Dynamic Mode

Providing pressure relief by imitating natural body movement in response to pressure, including multiple cycle time for therapy.

Rapid Inflation

Powerful blower inflating the full mattress within seconds.

4 Low Noise Level

Lowest operating noise level in industry standard.

5 Mattress Size Selection

Compatible with multiple mattress sizes which can be selected at start up.

6 Power Failure Alarm

Audible and visual power failure alarms to alert caregivers in case of abnormal power outage.

Stress-Free Interface

Intuitive and simple user interface design enables caregiver to perform tasks faster and with less effort.

7 Max Inflate

Inflate entire mattress to be suitable for nursing purpose.



The TheraFlo AP Mattress

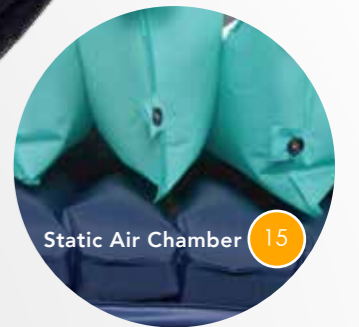
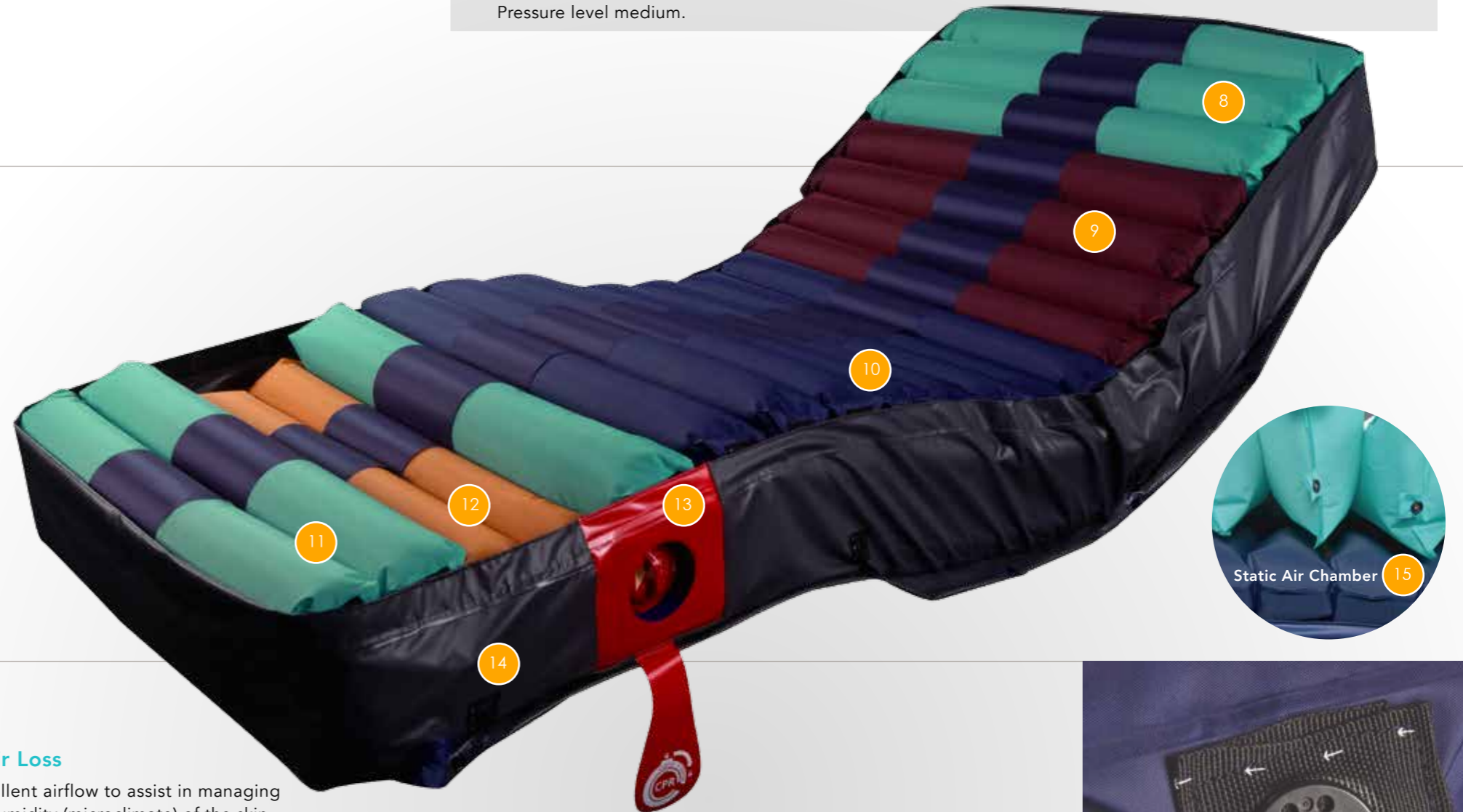
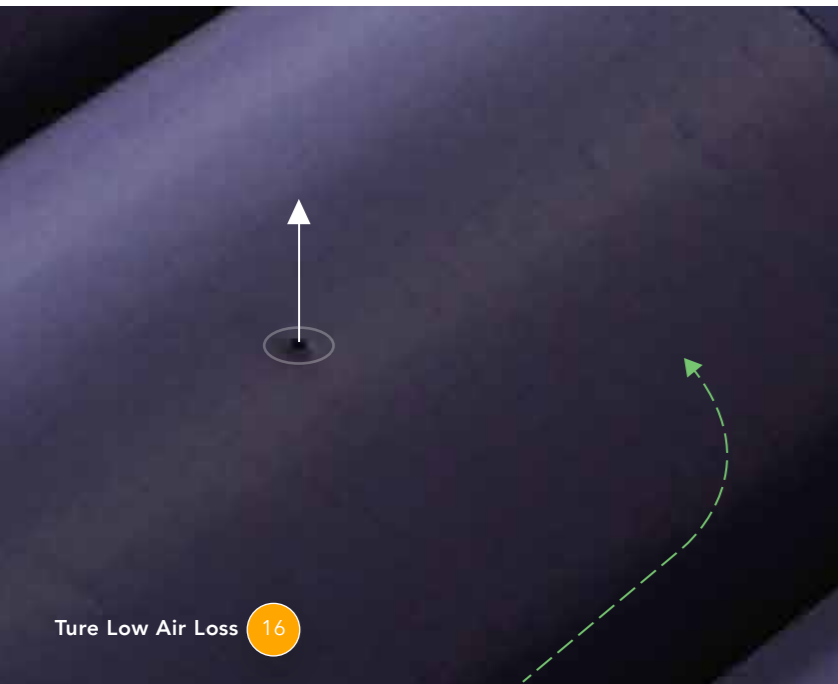
The Carilex TheraFlo AP Mattress Replacement System is designed to facilitate blood circulation and provide maximum tissue pressure redistribution and relief for treating and preventing pressure injuries. It is the ideal therapy system providing low noise level and comfortable modular cell design for superior sleeping quality.

Optional Aeotex™ coverlet

Aeotex™ sets the highest standard for microclimate control in wound care industry, providing Direct Low Air Loss, taking the therapy directly to patient skin. The 100% waterproof Aeotex™ allows airflow to gently pass through the coverlet, evenly distributes across patient skin, ensuring the most effective moisture and temperature control. The low friction surface design strengthens the fabric resistance to shear and provides ease to daily nursing activities.

Zone

- ⑧ **Pillow Zone**
Stabilized pressure relief for the patient's head. Pressure level low.
- ⑨ **Shoulder Zone**
Ergonomically designed to support the patient's shoulder. Pressure level medium-low.
- ⑩ **Sacrum Zone**
Extra support for the patient sacrum while providing maximized envelopment. Pressure level medium.
- ⑪ **Lower Limbs Zone with Heel Guard**
Providing the lowest pressure and maximized immersion for patient's lower limbs. The constant lower pressure at the heel section, relieves pressure and protecting patient's heels. Pressure level low.
- ⑫ **Bridging Zone**
Allows customized and individualized pressure relief in any location that the patient needs. Pressure level minimal.



⑬ Rapid CPR Deflation

Deflating the entire mattress within seconds in case of emergency.

⑭ Directional Snap

Unique directional snap providing extra security and increased structural stability.

⑮ Static Air Chamber

Support transport mode up to 10 hours.

⑯ True Low Air Loss

Providing excellent airflow to assist in managing the heat and humidity (microclimate) of the skin.

Multiple Coverlet Material









TheraFlo AP mattress system comes with two coverlet options, Aeotex™ and four way stretch coverlet.

Deep Fluid Envelopment







Allowing maximum pressure redistribution through deep depth envelopment in 7" and 9" tall air cell.



Key Features of TheraFlo AP

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|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|  Pressure Redistribution |  MAX Inflation |
|  Alarm Mute |  Memory Recall |
|  Upright Mode |  Panel Lock |
|  Power Failure Alarm |  Require Service |

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|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|  Multiple Weight Setting |  Multiple Mattress Sizes |  Cable Management |
|  Multiple Cycle Time |  For Sensitive Skin |  CPR |
|  High MVP Rate |  Mattress Replacement |  Durable Material |

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|  Aeotex™ Coverlet |  Quick Connect Coupling |  Infection Control |
|  Optional Four Way Stretch Coverlet |  Easy Cleaning |  True Low Air Loss |

Technical Data

- Power Unit Model : _____ REF : SR373
- Power Input : _____ 100-120Vac 60Hz 5A / 220-240Vac 50/60Hz 5A
- Power Consumption : _____ 438W max
- Weight : _____ Power Unit : 5.5kg
Mattress Set : 11kg,12.7kg,15.1kg
- Mattress Set Dimension : _____ 32" x 80" x 7" (82 x 200 x 18cm)
36"x 80" x 7" (90 x 200 x 18cm)
42"x 80" x 7" (107 x 200 x 18cm)
48"x 80" x 7" (120 x 200 x 18cm)
32" x 80" x 9" (82 x 200 x 23cm)
36" x 80" x 9" (90 x 200 x 23cm)
42" x 80" x 9" (107 x 200 x 23cm)
48" x 80" x 9" (120 x 200 x 23cm)
other size upon request
- Agency Approval : _____ IEC/EN60601-1, ANSI/AAMI ES60601-1,
AS/NZS IEC60601-1
- Operating Condition : _____ Temperature : 5°C to 40°C, Humidity : 15% to 90%
- Transportation & Storage Condition : _____ Temperature : -25°C to 70°C, Humidity : 0% to 90%
- Weight Capacity : _____ 7": 200kg, 9":280kg
- This Power Unit is not AP/APG protected