



3D Microclimate Delivery System  
Air Therapy - Where You Need It Most

# The world's first and only 3D MICROCLIMATE DELIVERY SYSTEM

## Airrapy™ — Air Therapy, Where You Need It Most

It's more than a slogan. IT'S A FACT! Airrapy's patent pending mattress and low air loss (LAL) positioning devices provide 3D patient therapy and will change the way you think about redistribution of weight, patient positioning and direct LAL therapy. Until Airrapy, all therapy surfaces shared the same 2D limitation, providing therapy only to the area of the patient that comes in direct contact with the mattress surface. Airrapy provides 360 degrees of LAL therapy. Airrapy's pillows, wedges and Airrapods™ take the therapy from the mattress surface and direct it over, between and under the patients' limbs. Airrapy LAL accessories elevate, stabilize and position patients safely while reducing heat, moisture and pressure.



## Historically

Static foam or gel pillows and wedges were used in patient positioning. These products compress, which creates pressure, heat and moisture, making the art of positioning risky, labor intensive and under-utilized.

## The Future

### Available now only through Airrapy's innovative Microclimate Delivery System

Airrapy positioning devices provide dynamic, controlled LAL therapy in a true patient weight redistribution system that relieves heat, moisture and pressure. Adjustable Pillow Ports™ control microclimate therapy intensity through Airrapy's wide assortment of reusable and disposable accessories that reach over, between and under the patient, enveloping their body in a free flowing and dynamic manner.

Airrapy Airrapods may also be used with your wall air system, allowing a new superior way to reduce pressure, skin-to-skin contact and pinch points frequently associated with patient positioning during surgery.

## The Three Pillars of a Superior Therapeutic Support Surface

### Weight Redistribution

**The ability of a support surface to offload pressure to a specific wound area by redistribution of that weight over the surface of the mattress.**

Airrapy is the only product that can isolate a specific limb or part of the body and redistribute that specific mass by using our therapeutic wedges, pillows and Airrapods. Utilizing Airrapy's 3D system allows redistribution of weight in-between and under limbs, lowering the overall mass that is managed by the mattress replacement system (MRS).

### Airrapy's superior therapeutic uses (Example)

A 45 year old male bariatric patient with multiple skin folds and pannus suffers from painful red, swollen and irritated skin. During the examination, the clinical team discovers excessive moisture and maceration between numerous skin folds and the development of candidiasis. Applying Airrapods between skin folds and under the pannus relieves pressure, removes heat and eliminates excessive moisture, assuring a better patient outcome and reduced hospital stay.

## Patient Immersion Envelopment

**Depth of penetration (sinking) into a support surface – the ability to conform to fit or mold around irregularities in the human body.**

Airrapy is the only product that can envelop, immerse and off load the patient's body mass by expanding the therapy surface area and depth three-dimensionally. Airrapy achieves true envelopment through our free forming, dynamic LAL positioning devices, which mold to the contour of your patient's anatomy. Immersion is achieved through highly targeted LAL therapy allowing for deeper submersion. Safety during immersion is also important - our pressure dampening air pad absorbs vertical shear and provides an extra layer of protection against bottoming out.

### Airrapy's superior therapeutic uses (Example)

A 70 year old female patient with painful Cellulitis of the lower extremity and who is at high risk of additional skin breakdown has been admitted to a facility. Airrapy provides the tools to elevate and envelop the painful swollen limb into a LAL pillow while immersing the patient into the Airrapy therapeutic mattress system. Our system provides envelopment, immersion and LAL therapy, all while reducing pain and providing a superior patient outcome.

## Low Air Loss (LAL) Therapy

**A support surface feature that provides a flow of air to assist in managing the heat and humidity (microclimate) of the skin.**

Airrapy's powerful, dynamic blower produces 1,800 liters of air per minute, (significantly more air volume than a typical blower) supplying ample air flow to each Pillow Port. Airrapy's wide range of patent-pending pillows, wedges and blankets provide 360 degrees of three-dimensional LAL therapy. Airrapy accessories provide microclimate therapy between skin folds, under the pannus, or over, between and under limbs, providing pressure relief and moisture and heat reduction to areas that our competitors can't duplicate.

### Airrapy's superior therapeutic uses (Example)

A 60 year old female patient who is incontinent, suffering from contracture of the lower extremity and has a Stage 3 wound on her left hip. By positioning the patient on her right side, and supporting that position by utilizing Airrapy pillows, this eliminated pressure to the existing wound. An Airrapy LAL pillow was then placed between the patient's legs, and inflated to provide microclimate support, reducing skin-to-skin contact and moisture and heat to tissue damaged from incontinence.



## What Makes Up the Airrapy 3D Microclimate Delivery System

### AIRRAPY™ Mattress with 4 Pillow Ports™\* & Blower

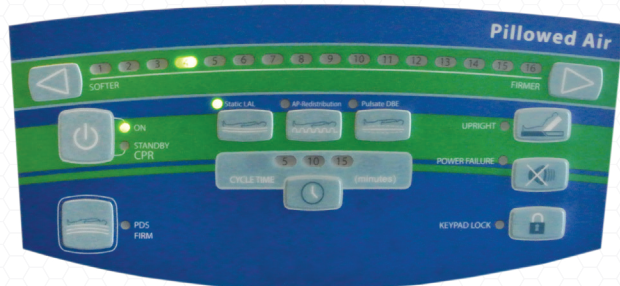
Airrapy's patent pending 3D Microclimate Delivery System provides for the first time a therapeutic support environment that enables targeted microclimate therapy and weight distribution for those areas where a patient needs it most.

Powerful blower unit assures appropriate air flow for surface and any positioning products added.

Adjustable Pillow Port valves regulate air flow individually to each of Airrapy's wide assortment of positioning devices.



One of four adjustable Pillow Ports™



Illuminated control panel

### AIRRAPY™ Reusable and Disposable Pillows and Wedges



We provide safe, effective, patent-pending accessories that connect exclusively to the Airrapy mattress to allow patient-specific airflow and firmness. Airrapy's pillows and wedges are dynamic and free-flowing, providing superior LAL therapy to assure superior patient outcomes. Airrapy provides these new tools to help clinicians with the three-dimensional world of healthcare.

### AIRRAPY™ Airrapods™

Airrapods™ are patent-pending LAL devices that come in a variety of shapes and sizes. First designed to work with our bariatric patients for use between skin folds and under a pannus, Airrapods can now be used in operating rooms to eliminate pressure points, pinch points, skin-to-skin contact and for safer positioning. Airrapods work with the Airrapy Pillow Ports or can be directly connected to the wall air system in any room.



### AIRRAPY™ 360 Blanket

48" x 70" low air loss blanket provides comfort and 360 degrees of microclimate therapy.



### AIRRAPY™ Infection Prevention Advantages

Airrapy is manufactured with non-porous material that allows "spray, no wipe" cleaning and disinfection. Translucent support cells allow visual inspection of the interior. Coverlets are attached using snaps, eliminating zippers that create surface area and contaminant collection points.



\*Quantity of Pillow Ports™ varieties by product.



## The Airrapy Family of Products

**Pillowed Air™** Our cornerstone therapeutic support surface, Pillowed Air™ provides eight inches of LAL envelopment atop a two inch air diffusion pad that reduces vertical shear and stays inflated during patient transport. Pillowed Air, like all Airrapy™ products, is constructed of non-porous material so it can be disinfected to a 6-log kill when using our “spray, no wipe” disinfection process. Pillowed Air has four Pillow Ports™ and can support a patient weighing up to 1000 lbs. Dimensions: 35.5”W x 83”L x 10”H



**Bairrapy™** Bariatric therapeutic support surface that provides six inches of LAL envelopment atop a four inch air diffusion pad that reduces vertical shear and stays inflated during patient transport. Bairrapy expands from 36 to 42 or 48 inches, and has a 1000 pound weight capacity. Four Pillow Ports operate our bariatric size LAL patient positioning devices, pillows and Airrapods™.



**carilex®**  
Advanced Clinical Solutions

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South East Asia - USA - ANZ

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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 comprehensive product lines proven to prevent and treat 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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carilex®

# Envelop

Technology from the future : true automatic deep fluid envelopment for ultimate wound care solution.



**Technology from the future: true automatic deep fluid envelopment for ultimate wound care solution.**

To go forward we must first look back, learning from Archimedes' genius discovery in physics thousands of years ago, comes the most leading-edge technology in wound care – Carilex Envelop. A radical improvement for pressure relief systems. Envelop combines the best technological advancements from Carilex and presents a mattress replacement system, equipped with deep fluid envelopment technology that is genuinely transformative.

**Fits like a glove.**

Introducing Deep Fluid Envelopment Technology (DFET), the future of pressure relief systems. DFET allows the patient to be fully enveloped into the mattress, as if the mattress is personalized for each patient and specifically molded around their body. Envelop uses air to buoy, or levitates the patient to reduce and equalize pressure, which therefore creates maximum contact to the skin providing optimal pressure relief and pressure redistribution. With an unprecedented 79% immersion, Envelop creates the best envelopment effect. The technology is so advanced and nuanced, it is simply not found in any other competing products. With Envelop, it is like the mattress is custom made to fit every single patient.

**So incredibly S.M.A.R.T. (Self Monitoring Automatic air Regulating Technology)**

Envelop achieves its technological superiority by using a patented S.M.A.R.T. Technology. S.M.A.R.T. maintains the optimal internal pressure by using separate electronic pressure sensors and sophisticated microprocessing algorithms to automatically determine patient load on the mattress surface. It monitors and regulates the internal pressure to continuously optimize the patient's pressure relief and comfort. Using the mattress as a direct sensor pad, S.M.A.R.T. allows Envelop to relieve pressure and provides step-less internal pressure adjustment, thus eliminates the need for extra underlying sensor pad.

With the unrivalled advancements of DFET and S.M.A.R.T., never have the wound care industry seen anything quite like Envelop. Bringing the future to now, Envelop, the wound care system way ahead of its time.

**The Envelop Power Unit with IPS Technology.**

The IPS Technology, Intelligent Pressure Sensing Technology, works with S.M.A.R.T to create effective envelopment. IPS responds to patient movements on mattress by automatically adjusting internal mattress pressure, which allows Envelop to regulate airflow and continuously provide total envelopment for our patients. Carilex is the first brand in the industry to master IPS. This gives us more experience and vast knowledge in the technology that is years ahead of our competitors.

**1. Patented S.M.A.R.T technology**

Automatically determine patient load on the mattress surface.

**2. IPS technology**

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

**3. Bariatric mode**

High weight capacity supporting both standard and bariatric patients up to 1000lbs (450kgs).

**4. Battery backup**

Automatic power detection sensor activates battery backup in the event of power failure and allows treatment to continue uninterrupted during patient transportation and examination.

**5. LCD panel**

Liquid-crystal display for intuitive operation.





## The Envelop Mattress

The Carilex Envelop 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.

### 1. S31 tested

79% immersion creating the best envelopment effect in the industry.

### 2. Bariatric extension

Side extensions fitting width of 36" , 42" and 48" one mattress fits all.

### 3. Instant CPR

Rapid deflating the entire mattress within seconds in case of emergency.



### 4. Square air cell

No gap between air cells delivers maximum support and pressure redistribution while patient is lying down. This also gives additional safety for egress and ingress.

### 5. Directional snap

Specifically designed buttons to provide better structural stability from air cells.



Transportation Plug  
Instant CPR

### 6. Multiple coverlet material

Standard breathable quilted nylon coverlet, or the optional Dartex coverlet providing high quality waterproof and vapour permeable medical fabric.

### 7. Transportation plug

Allowing the mattress to stay inflated after being detached from power unit.

## Other Features



Alternating Pressure Relief



Low Pressure Alarm



Pressure Redistribution



Power Failure Alarm



Patient Immersion



Alarm Mute



Require Service



Fowler Boost



Panel Lock



Multiple Language



Auto Firm



Whisper Quiet



Display usage day/time



Memory Recall



Distributor Mode



Mattress Replacement



Multiple Mattress Sizes



Durable Material



Easily Exchangeable Air Cells



Rapid CPR Deflation



Quick Connect CPC



Easy Cleaning



Infection Control



Cable Management

## Technical Data

- Power Unit Model : \_\_\_\_\_ REF : SR388
- Power Input : \_\_\_\_\_ 100 - 240Vac 50 / 60Hz 1.4A
- Power Consumption : \_\_\_\_\_ 32W
- Weight : \_\_\_\_\_ Power Unit : 6Kg  
Mattress Set : 11.2Kg, 11.5Kg
- Dimension : \_\_\_\_\_ Power Unit : 37.5 x 32 x 18.5 cm  
Mattress Set :  
32" x 80" x 10" ( 82 x 200 x 25 cm )  
36" x 80" x 10" ( 90 x 200 x 25 cm )  
other size upon request
- Agency Approval : \_\_\_\_\_ EN60601-1 & UL60601-1
- Operation Condition : \_\_\_\_\_ Temperature : 5°C to 40°C  
Humidity : 15% to 93%
- Transportation & Storage Condition : \_\_\_\_\_ Temperature : -25°C to 70°C  
Humidity : 0% to 93%
- Weight Capacity : \_\_\_\_\_ 450kg
- This Power Unit is not AP/APG protected

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 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 management of the microclimate 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 provides a support surface with the maximum level of pressure release while expelling excess humidity between the mattress and the patient, by using an innovative material along with highly advanced solutions.

## 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 allows to maximize 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

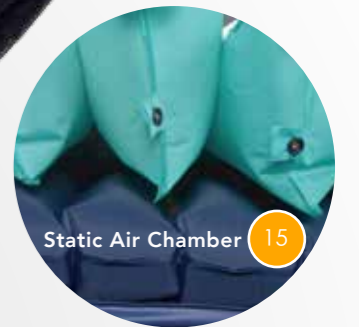
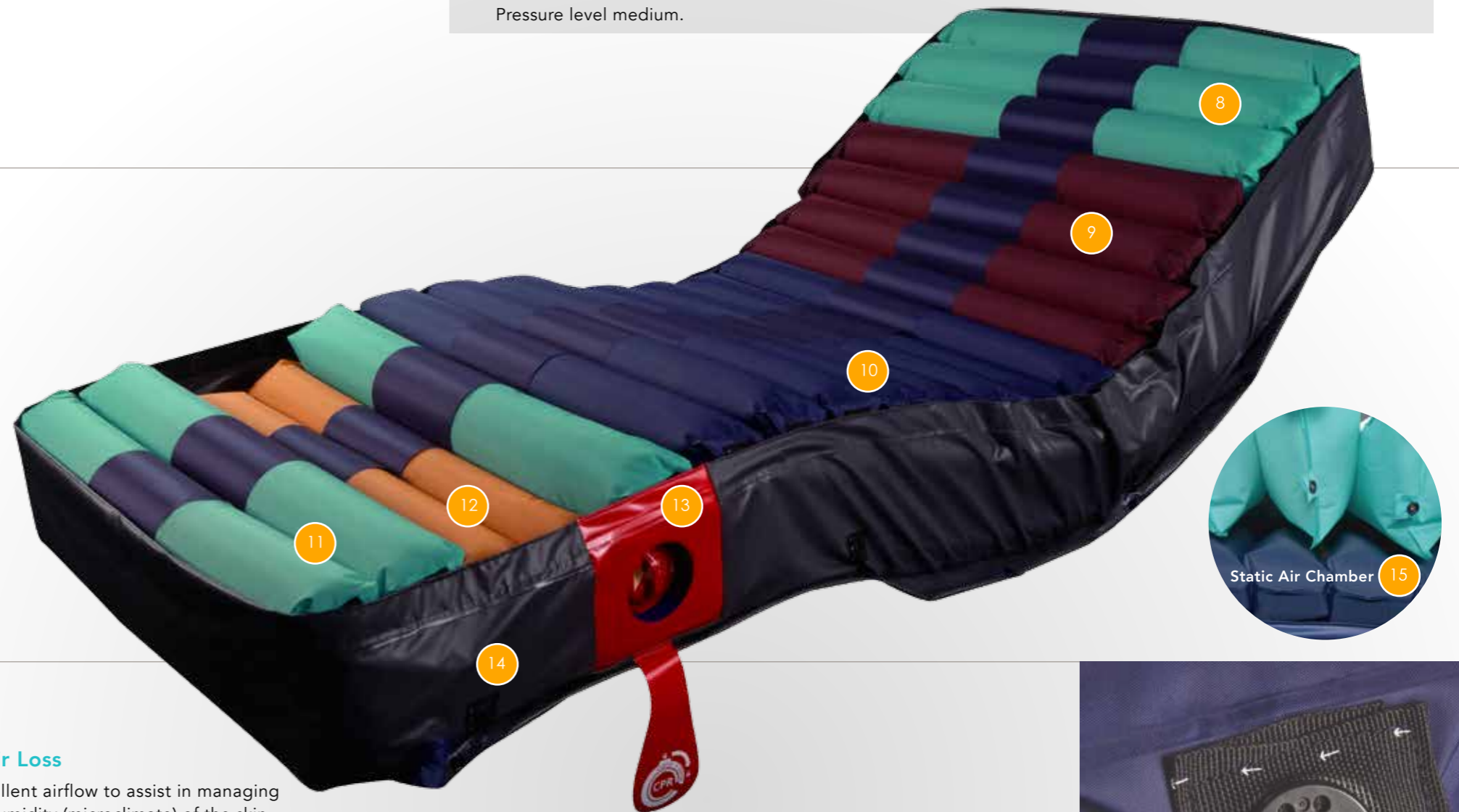
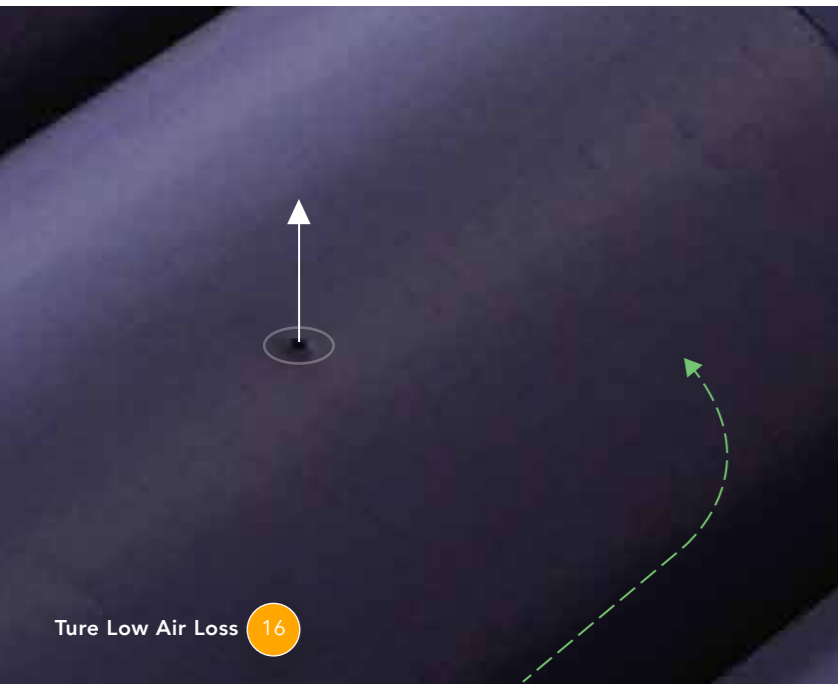
The Carilex TheraFlo AP Mattress Replacement System is designed to facilitate blood circulation and provide maximum tissue pressure redistribution and relief for treating and preventing pressure injuries. It is the ideal therapy system providing low noise level and comfortable modular cell design for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

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

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

- |   |  |   |
|---|--|---|
|  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



# SIMPLE RELIABLE & POWERFUL

## VT-200, the thoughtful healing for various wound care

The VT-200 is the negative pressure wound therapy system that passed the FDA and CE certification. It offers three operating modes : continuous, intermittent, and instill (*support by VT-200-i coming soon*), each with individually adjustable pressure settings and an outstanding high fluid removal rate. Designed with extraordinary suction power pump, the VT-200 is compatible with various wound sizes. With the specific VT dressing, it can take care of larger wounds like abdominal wounds to heal.



Three operating modes for various stages of wound care



Up to 16 hours of battery operation time



Lightweight power unit for easy portability



Intuitive operation design, simple to learn and use



IP22 rating protection



- ▶ FDA and CE approval
- ▶ NRTL-MET Classified
- ▶ 100% made in Taiwan

## INSTRUCTION OF USE

### VT-200 is indicated for use with patients with the following wounds

- Traumatic
- Dehisced wounds
- Acute wounds
- Chronic wounds ( pressure ulcers, diabetic foot ulcers, venous leg ulcers )
- Partial-thickness burns
- Flaps and grafts

### VT-200 is contraindicated in patients with the following conditions

- Presence of necrotic tissue
- Malignancy (except for the quality of life reason for terminal patients)
- Exposed arteries, veins, nerves, or organs
- Use over anastomotic sites
- Untreated osteomyelitis
- Unexplored or non-enteric fistulas



## 400-600 Micron pore size

Providing efficient exudate flow rate and evenly delivering the negative pressure to the wound bed.

## High MVT rate on drape

Its Moisture Vapor Transmission Rate compliment the foam and other dressing components for an efficient effect.

## 4 Different sizes

Suitable for all wound sizes and types.  
Including XL for extra large wounds

## Three Different sizes (Up to 1000ml)

Suitable for patients in every stage of care, larger fluid capacity for cost efficiency.

## Three Layer filter system

A sophisticated barrier is designed to avoid cross-contamination and odor.

## Integrated canister release latch

For easy single-handed operation.



### On/Off

- Press the On/Off and hold the button for three seconds to turn on or turn off the Power unit



### Mute/Return

- Press the button to turn off the audible indicator after being notified
- Press the button, the system will go to the previous menu
- In the sub-menu, press the button to return to the main menu



### Arrow up

- In the continuous and intermittent setting mode, press the button to select the desired pressure or minutes. -5mmHg or 1 minute per step



### OK/Unlock/Stop

- In the main menu , press the button to get to the options sub-menu
- During the therapy mode, press the button to stop the therapy
- When the control panel is locked, press the button for three seconds to unlock it

## Technical Data : VT-200

Dimension	7" x 7" x 3.5" ( 18 x 17.9 x 8.9 cm )
Weight	1.13kg/2.5lb (without canister)
Operation Mode	Continuous/Intermittent/Instill (VT-200-i)
Negative Pressure Setting Range	-20mmHg~-200mmHg
Power Input	100-240Vac 50-60Hz or 50/60Hz
Power Consumption	Max. 30 W
Agency Approval	ANSI/AAMI ES60601-1 & NRTL-MET Mark
Battery Charging Time	8 hours
Battery Using Time	Approx.16 hours, depending on use
Operation Condition	<ul style="list-style-type: none"> <li>Temperature : 5°C to 35°C (41°F to 95°F )</li> <li>Humidity : 15% to 90%</li> </ul>
Transportation & Storage	<ul style="list-style-type: none"> <li>Temperature : -25°C to +70°C(-13°F to 158°F)</li> <li>Humidity : 0% to 90%</li> </ul>

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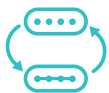


# THE PORTABLE NPWT PRODUCT

## FOR ALL-AROUND CARE

The Carilex VT•ONE, is a miniature portable negative pressure wound therapy unit designed to deliver extensive therapy for wound management. A genuinely thoughtful product healing, user-friendly, whisper-quiet, and incredibly lightweight means the patients can receive the care they need even on-the-go.

VT•ONE offers intermittent and continuous operation modes, individually adjustable pressure settings, and an outstanding high fluid removal rate.



With Continuous therapy and Intermittent therapy modes



Up to 10 hours of battery operation time



Lightweight and compact design for high portability



With intuitive and user-friendly for quick, easy-to-learn operation



IP22 rating protection



► FDA and CE approval  
► NRTL-SGS Q Mark  
► 100% made in Taiwan

## INSTRUCTION OF USE

### VT-ONE is indicated for use with patients with the following wounds

- Traumatic
- Dehisced wounds
- Acute wounds
- Chronic wounds ( pressure ulcers, diabetic foot ulcers, venous leg ulcers )
- Partial-thickness burns
- Flaps and grafts

### VT-ONE is contraindicated in patients with the following conditions

- Presence of necrotic tissue
- Malignancy (except for the quality of life reason for terminal patients)
- Exposed arteries, veins, nerves, or organs
- Use over anastomotic sites
- Untreated osteomyelitis
- Unexplored or non-enteric fistulas





## THE VT DRESSING KIT

The VT Dressing Kit is indicated for patients who benefits from wound management therapy via the application of negative pressure wound therapy to remove fluids and excess exudates, infectious material, and tissue debris which may promote wound healing.



### 400-600 Micron pore size

Providing efficient exudate flow rate and evenly delivering the negative pressure to the wound bed.

### High MVT rate on drape

Its Moisture Vapor Transmission Rate compliment the foam and other dressing components for an efficient effect.

### Transparent tube and connector

Allowing quick and clear inspection for blockage. The lockable connectors can prevent leakage from the tubes.

### Soft demo pad

Allowing the patient to use it safely and comfortably.

## The VT•ONE Canister

The VT•ONE Canister is an ergonomically designed, translucent, lightweight fluid and exudate collector.



### Two Layer filter system

A sophisticated barrier is designed to avoid cross-contamination and odor.

### Reservoir container gel sachet

Ensuring safe and hygienic fluid collection and disposal.

## Technical Data : VT•ONE

Dimension	3.4"x 2"x 3.4" (8.5 x 5 x 8.5 cm) (without canister)	
Weight	0.25kg/0.55lb ( without canister )	
Operation Mode	Continuous/Intermittent	
Negative Pressure Setting Range	-50mmHg~-150mmHg	
Power Input	100-240Vac 47-63Hz 0.4-0.2A	
Power Consumption	Max. 15 W	
Agency Approval	ANSI/AAMI ES60601-1 & NRTL-SGS Q Mark	
Battery Charging Time	4 hours	
Battery Using Time	Approx.10 hours, depending on use	
Operation Condition	<ul style="list-style-type: none"> <li>Temperature : 5°C to 40°C (41°F to 104°F)</li> </ul>	<ul style="list-style-type: none"> <li>Humidity : 0% to 90%</li> </ul>
Transportation & Storage	<ul style="list-style-type: none"> <li>Temperature : -25°C to +70°C (-13°F to 158°F)</li> </ul>	<ul style="list-style-type: none"> <li>Humidity : 0% to 90%</li> </ul>

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# VT•ONE

## 60 DAYS

## Single Patient Disposable NPWT SYSTEM

VT • ONE 60 DAYS is a disposal single-patient-use NPWT therapy unit with up to a 60-day life span for promoting wound healing and exudate management. VT • ONE 60 DAYS unit delivers clinical flexibility with a choice of adjustable pressure settings, therapy modes, and a high fluid removal rate.



### Battery backup up to 10 hours

Automatic power detection sensor activates battery backup in the event of power failure and allows uninterrupted therapy portability.



### Simple to operation design

Intuitive user interface supported by four buttons and digital LCD panel.



### With Continuous therapy and Intermittent therapy modes

Provide two therapy modes for selection, depending upon the wound type and the needs of each patients.



### Lightweight and disposable

The disposable, lightweight, and portable design has facilitated the patients' quality of life and convenience of wound management in diverse settings, such as clinical, community, or home/self-care, providing practical and economic benefits to patients.

## INSTRUCTION OF USE

**VT•ONE 60 DAYS is indicated for use with patients with the following wounds**

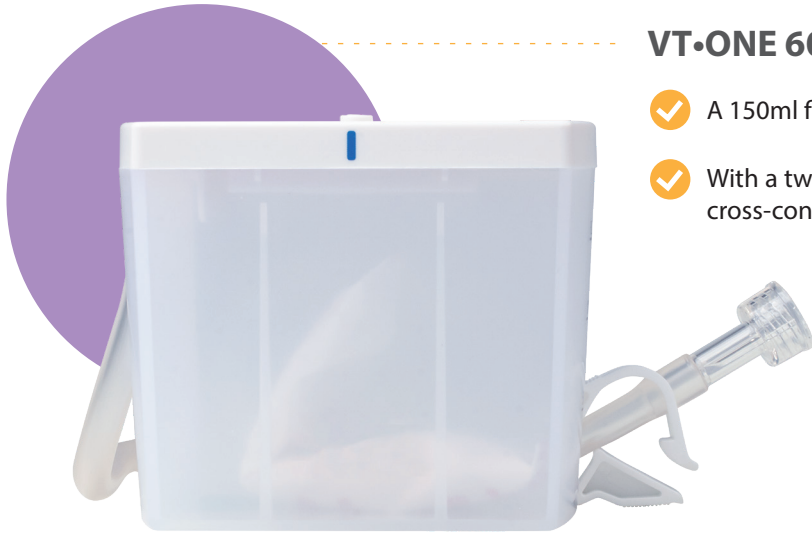
- Traumatic
- Dehisced wounds
- Acute wounds
- Chronic wounds ( pressure ulcers, diabetic foot ulcers, venous leg ulcers )
- Partial-thickness burns
- Flaps and grafts

**VT•ONE 60 DAYS is contraindicated in patients with the following conditions**

- Presence of necrotic tissue
- Malignancy (except for the quality of life reason for terminal patients)
- Exposed arteries, veins, nerves, or organs
- Use over anastomotic sites
- Untreated osteomyelitis
- Unexplored or non-enteric fistulas



## VT•ONE 60 DAYS ACCESSORIES: CANISTER



- ✔ A 150ml fluid and exudate collector.
- ✔ With a two-layer filter design to avoid cross-contamination and odor.



## VT•ONE 60 DAYS ACCESSORIES: DRESSING KIT

The VT Dressing Kit is indicated for patients who benefit from wound management therapy by applying negative pressure wound therapy to remove fluids and excess exudates, infectious material, and tissue debris, which may promote wound healing.



### Technical Data : VT•ONE 60 DAYS

Power Unit Model	60-days	
Dimension	3.4"x 2"x 3.4" (8.5 x 5 x 8.5 cm) (without canister)	
Weight	0.25kg/0.55lb ( without canister )	
Operation Mode	Continuous/Intermittent	
Negative Pressure Setting Range	-50mmHg~-150mmHg	
Power Input	100-240Vac 47-63Hz 0.4-0.2A	
Power Consumption	Max. 15 W	
Agency Approval	ANSI/AAMI ES60601-1 & NRTL-SGS Q Mark	
Battery Charging Time	4 hours	
Battery Using Time	Approx.10 hours, depending on use	
Operation Condition	<ul style="list-style-type: none"> <li>• Temperature : 5°C to 40°C (41°F to 104°F)</li> </ul>	<ul style="list-style-type: none"> <li>• Humidity: 15% to 90%</li> </ul>
Transportation & Storage	<ul style="list-style-type: none"> <li>• Temperature : -25°C to +70°C (-13°F to 158°F)</li> </ul>	<ul style="list-style-type: none"> <li>• Humidity : 0% to 90%</li> </ul>