



Envelop

Ultimate Pressure Relief Solution for All Body Types

Envelop achieves technological superiority by utilizing Carilex's Self-Monitoring Automatic Air Regulating Technology (S.M.A.R.T.), which maintains the optimal internal pressure for individual patients. The mattress replacement system can comfortably support patients up to 450kgs, providing comprehensive pressure relief for both standard and bariatric patients.



Self-Monitoring Automatic Air Regulating Technology (S.M.A.R.T)

S.M.A.R.T constantly calculates the patients' load, movements, and positions to provide effective envelopment for our patients and to avoid sinking of the sacrum area



Battery Backup

In the event of power failure, the automatic power detection sensor activates battery backup to provide uninterrupted treatment during patient transportation and examination



LCD Panel and User-Friendly Button Design

Liquid-crystal display and the intuitive one-button, one-function design ensure straightforward operation



Dual Modes

Provides Envelop (Static) and AP Redistribution (Dynamic) option



Fowler Boost (Up-right Function)

Allows patients to be in a reclined sitting position without bottom out



Auto Firm

Facilitates nursing procedures by rapidly bringing the mattress to maximum steady pressure

The Envelop Mattress

The Envelop system is compatible with multiple mattress sizes to accommodate different body types. With its powerful pump, the mattress can effortlessly support patients weighing up to 450kgs, providing a spacious and comfortable surface for pressure relief.

Envelop Bariatric

Weight Capacity : 450kgs (1000lbs)



Envelop

Weight Capacity : 300kgs (660lbs)

Bariatric Mattress Option

With a width of 120cm, the Envelop Bariatric Mattress offers optimal support for patients up to 450kgs

Multiple coverlet material

Standard breathable quilted nylon coverlet, or the optional Dartex coverlet, which offers high-quality, waterproof, and vapor-permeable medical fabric

Instant CPR

Rapidly deflate the entire mattress within seconds in case of emergency

Constant Anti-Bottoming Out Design

A special transport chamber is implemented and stays inflated to ensure there is no bottoming out even during transportation or power failure

Directional Snap

The specially designed snaps provide better structural stability from air cells



Square Air Cell

The seamless connection between air cells provides optimal support and pressure redistribution. This also gives additional safety for egress and ingress



Transportation Plug

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



Technical Data	Power Unit Model	REF : SR388
	Power Input	100 - 240Vac 50 / 60Hz 1.4A
	Power Consumption	32W
	Weight	<ul style="list-style-type: none"> Power Unit : 6kg Mattress Set : 11.2Kg, 11.5Kg
	Dimension	Power Unit(W x H x D) : 37.5 x 32 x 18.5 cm Mattress Set (W x L x H) : Envelop <ul style="list-style-type: none"> 36" x 83" x 10" (90 x 210 x 25 cm) 42" x 80" x 10" (107 x 200 x 25 cm) 48" x 83" x 10" (120 x 210 x 25 cm) Envelop Bariatric <ul style="list-style-type: none"> 36" x 80" x 10" (90 x 200 x 25 cm) 48" x 80" x 10" (120 x 200 x 25 cm) other size upon request
	Operating Conditions	<ul style="list-style-type: none"> Temperature : 5°C to 40°C (41°F to 104°F) Humidity : 15% to 90%
	Transportation & Storage Condition	<ul style="list-style-type: none"> Temperature : -25°C to 70°C (-13°F to 158°F) Humidity : 0% to 90%
	Product Compliance	EN60601-1 & UL60601-1
	Weight Capacity	Envelop 300 kg Envelop Bariatric 450 kg

This Power Unit is not AP/APG protected

www.carilexmedical.com