

Deflating for CPR

1. Unscrew the hose connector cap (Figure 3) from the product.

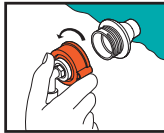


Figure 3: Unscrew hose connector cap

2. Proceed per your hospital CPR procedures.

Note: The product will deflate in four to five seconds.

Summary of safety precautions

WARNING

- Do not use this product with the bed siderails down. Siderails are to remind the patient of the edge of the unit, not as a patient restraining device.
- Do not reuse this product on another patient to avoid the risk of cross-contamination and infection.
- Always deflate the product before you perform CPR.
- Do not use this product as a transfer device.
- Always keep the bedding dry. Failure to keep the patient's skin dry may lead to maceration.
- Do not continue to use the product if a bulge in the top surface is present. This may reduce the reliable product function.
- Always secure the product to the mattress with the corner straps.
- Always inspect the product for tears, cuts, holes, or any other damage, before use.
- Always check the patient's skin at regular intervals for redness or breaks. If redness or breaks in the skin occur, consult the attending physician.
- Always consult the pump operations manual before connecting the system to this product.

CAUTION

- Improper usage of the product can cause injury to the patient or operator. Operate the product only as described in this manual.
- Do not modify the product or any components of the product. Modifying the product can cause unpredictable operation resulting in injury to patient or operator. Modifying the product also voids its warranty.
- Always use minimal layers of sheeting and incontinence pads. Too many layers between the patient's skin and the product lowers the systems ability to aid in pressure reduction.
- Do not pull linens too tight over the product to avoid the hammock effect and reduce the effectiveness of the product.
- Always latch the siderails when the bed is in a raised position.
- Always be aware that the use of a mattress overlay may reduce the effectiveness and coverage of a siderail.

SPR Plus® Overlay

REF 2790-100-000

Operations Manual



Stryker Medical
3800 E. Centre Avenue
Portage, MI 49002
USA

Introduction

This manual assists you with the operation of your Stryker product. Read this manual before operating this product. Set methods and procedures to educate and train your staff on the safe operation or maintenance of this product.

Notes:

- This manual is a permanent part of the product and should remain with the product even if the product is sold.
- Stryker continually seeks advancements in product design and quality. This manual contains the most current product information available at the time of printing. There may be minor discrepancies between your product and this manual. If you have any questions, contact Stryker Customer Service or Technical Support at 1-800-327-0770.

Product description

The Stryker Model 2790-100-000 **SPR Plus**® Overlay and Model 2863 **AIR+**™ pump together create a low air loss system to manage microclimate of heat and humidity that helps keep moisture away from the patient's skin. Major components of the system include the pump, hose, hose connector, and overlay. The pump provides air to the overlay that contains micro vents to dispel small volumes of air.

Intended use

This product is intended to assist in the prevention and treatment of pressure injuries stages (1, 2, 3, 4, unstageable and deep tissue injury or all pressure injuries) as well as helps manage microclimate of the patient's skin. It is recommended to be implemented in combination with clinical evaluation of risk factors and skin assessments made by a healthcare professional. The product is for use by trained health care professionals. This product is for use in acute (critical care, step down, med/surg, sub-acute, post anesthesia care unit (PACU)), or long term care settings. This product is for single patient use.

This product is not intended to be used:












- When spinal stability is a concern
- To support a patient in a prone position

Contraindications

None known.

Expected life

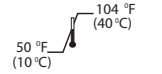
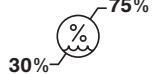
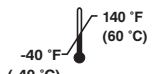
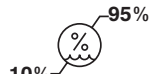
This product has a 30 day, single patient use, expected life under normal use conditions.

Symbols		
 General warning	 Caution	 Consult instructions for use
 Model number	 Batch code	 No sharp objects
 Safe working load	 Single patient use	 Foot end
 Manufacturer	 Plastic #3- Polyvinyl Chloride (PVC or V)	

Introduction

Specifications

Safe working load	350 lb	158.8 kg
Material	Vinyl	
Length	78 in.	198 cm
Width	34 in.	86 cm
Weight	6 lb	2.72 kg
Classified	Class II, not classified for protection against harmful ingress of liquid	
Compatible pump	Model 2863 AIR+ pump	

Environmental conditions	Operation	Storage
Operating ambient temperature range and humidity limits		
Storage temperature range and humidity limits		

Stryker reserves the right to change specifications without notice.

Contact information

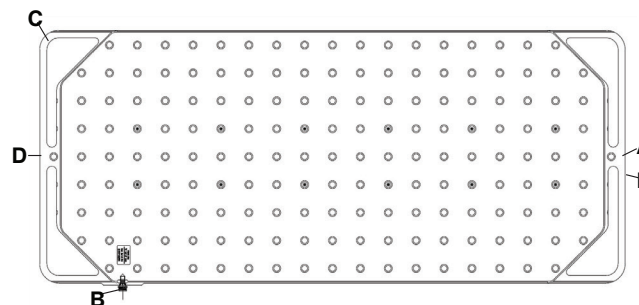
Contact Stryker Customer Service at 1-800-327-0770.

Stryker Medical
3800 E. Centre Avenue
Portage, MI 49002
USA

To view your operations or maintenance manual online, see <https://techweb.stryker.com/>.

Have the lot batch code (E) available when you call Customer Service. Include the lot batch code in all written communication.

Product illustration



- A Head end C Corner straps E Lot batch code
B Hose connection D Foot end

Operation

Setup the overlay

- Remove the product from the plastic bag. Place the product across the bed with the hose connection on the right side of a supine patient.
- Stand at the foot end of the bed, unroll the cushion until you see the air valve on the right side.
- Place the corner straps around the mattress cover.
- Make sure that the hose connection is easy to access. The air holes should face up for airflow.
- Place a sheet and incontinence pad, if required, over the cushion. See *Adding or changing linens*.
- Inflate the Overlay with or without the patient on the product.

Setup the pump and hose

- Bring the product to room temperature.
- Place the **AIR+** pump on the foot panel of the bed or secure location.
- Plug the power cord into a hospital grade outlet.
- Screw the pump hose connector cap to the product connector. Do not cross the threads.
- Select the **SPR Plus** mode on the control panel of the **AIR+** pump.
- Press the mmHg button on the control panel. Adjust the pressure setting as required.

Note: See the **AIR+** pump Operations Manual for more information.

Adding or changing linens

- Apply the linens loose to avoid a hammock effect.
- Use minimal layers of sheeting and incontinence pads.
- Change the linens per your hospital procedures.

Checking pressure setting by hand

Check the pressure setting by hand to make sure that the patient receives the proper therapy. Perform a hand check with the patient in the worst case position, which is the side-lying position. This position maximizes the pressure at the sacrum.

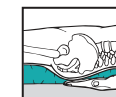


Figure 1: Under inflation



Figure 2: Proper inflation

- Slide your hand, palm up with fingers flat, between the product and the mattress at the patient's sacrum.

Notes:

- Do not lean on the product or lift at the side as these actions can lead to false readings.
- Adjust the pressure setpoint until you can no longer feel the patient's sacrum.

- If you can feel the bony prominence (Figure 1), inflate the product.
- Increase the pressure up to 3mmHg by pressing the firmness button on the pump.
- Wait two minutes and repeat the hand check until you have adequate inflation (Figure 2).

Note: Check the patient at regular intervals as directed by hospital protocol.

Cleaning

- Clean the product with a clean damp cloth, soap, and water.
- Wipe dry.
- Dispose of the overlay according to your local waste management policy.

Notes:

- Contact with disinfectant cleaners will cause degradation to the **SPR Plus** product. Avoid disinfectants, such as solvents, alcohol based products, or Virex TB germicidal products.
- Iodine based disinfectants will stain the product. Stains do not affect the patient or the use of the product.