

New Cardiac ThermoWrap™

Maintains true normothermia during cardiothoracic and vascular surgery



C. K. Hofer MD:
“Improved intraoperative thermoregulatory capacity and simplified handling”⁽¹⁾

Triemli City Hospital,
Zurich, Switzerland.

The nature of cardiac surgery significantly increases the likelihood of intraoperative hypothermia. A new Cardiac ThermoWrap was designed to manage these unique challenges.

As part of the revolutionary Allon System, the new Cardiac ThermoWrap provides precise and continuous management of body temperature, thermally protecting your patient in this exceedingly complex environment. The highly efficient New Cardiac ThermoWrap enables you to maintain patient temperature at true normothermia during surgery, without interfering with the sterilized field. By making it possible for the physician to reach the desired temperature set point, the Cardiac ThermoWrap has been proven more effective in temperature control than any other method available.

Clinical studies prove that the Cardiac ThermoWrap significantly raises body temperature, thereby improving the cardiac index, lowering SVR, reducing troponin I levels and decreasing the use of blood products.

The Cardiac ThermoWrap is an integral part of the Allon System. Read more about the Allon 2001 Control Unit and our other ThermoWrap models in our associated literature or contact one of our customer service representatives today.

Thermoregulation made easy

New Cardiac ThermoWrap™

The New Cardiac ThermoWrap™ Design

The new Cardiac ThermoWrap is specially designed to respond to the demanding requirements of cardiovascular surgery. The one-piece garment offers maximum available surface coverage, which improves thermoregulatory capacity. The unique design affords endurance all through the surgical procedure and eliminates possible interference with the surgical field.

Adhesives-free, the simplified wrapping, reduces preparation time and labor.

Paying special attention to patient care requirements, unique drainage openings are provided to promote evacuation of excess fluids during surgery. In addition, two supplemental non-woven DrapeGuards are supplied with each Cardiac ThermoWrap to prevent wetting of the patient's skin during scrubbing. Like all of MTRE's ThermoWrap products, it is flexible and comes complete with an anti-microbial treatment for tap water.



T e c h n i c a l S p e c i f i c a t i o n s

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|--|
| Use with: Allon™ Control Unit series |
| Set point temperature range: 30°C - 40°C (86°F - 104°F) |
| Material: 2 exterior layers of non-woven fabric / 2 inner layers of flexible plastic |
| Storage temperature: 10°C - 27°C (50°F - 81°F) |
| Working pressure: 0.2 - 0.4 bar |
| Maximum pressure: 0.8 bar |
| Applicable safety standards and certifications: IEC 60601-1, IEC 60601-2-35, IEC 60601-1-2, UL 60601-1, C 22.2 |

Cardiac ThermoWrap™ Product Features

- Maintains normothermia of 36.5°C - 37.5°C
- Single piece design with three dimensional coverage
- Maximum available patient surface coverage
- One size fits all adults
- Two DrapeGuards supplied with biocompatible adhesive strips that attach directly to the patient's body
- Latex free

O r d e r i n g I n f o r m a t i o n

| Model number | Patient's height range* | Quantity per box |
|--|-------------------------|------------------|
| 3363 | All adults* | 12 |
| *This Cardiac ThermoWrap model fits all adults (replacing models 3365 and 3368). | | |

(1) **C.K. Hofer** - 'Evaluation of a modified ThermoWrap for Allon warming system in patients undergoing elective off-pump coronary arterybypass grafting'. European J. of Anesthesiology. Vol 21, Supp 32, 2004.



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