

BLANKETROL® III

Hyper-Hypothermia System with Active Cooling Technology



THE BLANKETROL® III IS A SOLUTION TO THE CHANGING NEEDS OF THE HYPER-HYPOTHERMIA MARKET.

- “Gradient Temperature Technology” allows for rapid or gradual heating & cooling
- Has 3 hose connectors, while other competitor products only have 2 hose connectors
- Internal by-pass (pre-warming & pre-cooling of water in the unit)
- Data Export Software allows for the patient’s data during treatment to be exports as a .csv file

The Blanketrol® III’s “Gradient Temperature Technology” has programmable and pre-set variable gradient temperature selection. It can be utilized in both the cooling and heating mode, allowing for rapid or gradual patient temperature management control.

The Blanketrol® III, coupled with the Kool-Kit®, provides an effective method for Whole Body Cooling. This application of patient cooling allows for treatment that is fast, cost-effective, and easy to use.



Cincinnati Sub-Zero has been managing your patient temperature needs for over 45 years.

CSZ
Cincinnati Sub-Zero

THERAPEUTIC HYPOTHERMIA

When it comes to improving patient outcomes, a few degrees can make all the difference.

Recent studies have demonstrated that careful control of body temperature in patients with neurologic injury can improve clinical outcomes:

- Whole body hypothermia reduces the risk of death or disability in infants with moderate or severe hypoxic-ischemic encephalopathy.¹
~The New England Journal of Medicine
- When comparing cooling methods, temperature decline has been shown to be significantly higher with water-circulating blankets compared to traditional methods.²

~Critical Care

Blanketrol® III...offers a cost-effective and convenient way to cool and warm your patients.

- The Blanketrol® III offers simple programmable temperature management while still keeping the control in the hands of the caregiver.
- A higher flow rate combined with ease of application results in tight control of temperature for time-sensitive therapies.
- The innovative gradient program minimizes fluctuations in water temperature and maintains a stable patient temperature.
- The Data Export Software allows the caregiver to transfer the patient's data and export it to EXCEL, where they have the ability to create graphs or charts.



CSZ's KOOL-KIT® & BLANKETROL III®

When it's time to cool, CSZ offers an effective solution with its Blanketrol® III and the Kool-Kit®.

This temperature management system provides an effective alternative to traditional patient cooling techniques. Our revolutionary system combines the SMART technology of the Blanketrol® III with the body surface area coverage of the Kool-Kit® for a non-invasive whole-body temperature management solution.

The Kool-Kit® includes a Head Wrap, Patient Vest and Lower Body Blanket to maximize coverage and temperature accuracy. The Kool-Kit® provides caregivers ready access to their patients, and helps administer temperature management and controlled re-warming for each patient. This method of cooling allows for early treatment that is fast, cost-effective and dependable.

EASY

The Kool-Kit® incorporates Velcro® on the Head Wrap and Patient Vest, with no adhesive or cumbersome wrapping required, making application fast and easy.

VERSATILE

Each piece is fully adjustable, allowing for easy access to skin, IV lines, EKG pads as well as other monitoring devices, and can be used on most patients.

EFFECTIVE

With approximately 66% body surface coverage¹, the Kool-Kit® offers increased temperature transfer due to its unique design.



1. Shankaran, Seetha, et al. "Whole-Body Hypothermia for Neonates with Hypoxic Ischemic Encephalopathy." The New England Journal of Medicine 353 (2005): 1574-1584.
2. Hoedemaker, cornelia W., et al. "Comparison of Cooling Methods to Induce & Maintain Normo-and Hypothermia in Intensive Care Unit patients: a prospective intervention study." Critical Care 11 (2007): R91.

1. Data on file at Cincinnati Sub-Zero

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Ordering Information		
Cat. No.	Description	Quantity
233	Blanketrol® III	115v & 230v
USB-127	Blanketrol® III Data Export Software	ea.
286	9' Reusable Connecting Hose (2.7m)	ea.
286-18	18' Reusable Connecting Hose (5.5m)	ea.
286-27	27' Reusable Connecting Hose (8.2m)	ea.
Kool-Kits® (Must purchase 286 hoses separately to use Kool-Kits with Blanketrol® III)		
900	Kool-Kit® (1 head wrap, 1 patient vest, 1 lower body blanket)	5/carton
910	Kool-Kit® Head Wrap (1 head wrap, 1 lower body blanket)	5/carton
920	Kool-Kit® Patient Vest (1 patient vest, 1 lower body blanket)	5/carton
950	Kool-Kit® Neonate (1 Maxi-Therm® Lite blanket, 1 9Fr general purpose probe, 1 set pink mittens, 1 set blue mittens, 1 set white socks) (NOT AVAILABLE INTERNATIONALLY)	5/carton
Gelli-Roll® (Must purchase 286 hose separately to use blankets with Blanketrol® III)		
195P	Gelli-Roll® - Adult 73.5in x 21.5in x .625in (186.7cm x 54.6cm x 1.6cm)	ea.
194P	Gelli-Roll® - Pediatric 31.25in x 23.75in x .625in (79.4cm x 60.3cm x 1.6cm)	ea.
193P	Gelli-Roll® - Infant 20in x 13in x .625in (50.8cm x 33cm x 1.6cm)	ea.
Maxi-Therm® Lite Blankets (Must purchase 286 hose separately to use blankets with Blanketrol® III)		
876	Maxi-Therm® Lite - Adult 64in x 25in (162.6cm x 63.5cm)	10/carton
874	Maxi-Therm® Lite - Pediatric 33in x 25in (83.8cm x 63.5cm)	10/carton
873	Maxi-Therm® Lite - Infant 18in x 12.5in (45.7cm x 31.8cm)	10/carton
Maxi-Therm® Blankets (Must purchase 286 hose separately to use blankets with Blanketrol® III)		
276	Maxi-Therm® - Adult 60in x 24in (152.4cm x 61cm)	5/carton
274	Maxi-Therm® - Pediatric 30in x 22in (76.2cm x 55.9cm)	5/carton
273	Maxi-Therm® - Infant 18in x 12in (45.7cm x 30.5cm)	5/carton
PlastiPad® - reusable blankets (supplied with 9' hoses and Quick-Disconnect Couplings, except #195N & 193 CPC)		
196	PlastiPad® - Adult 60" x 24" (152.4cm x 61cm)	ea.
195N	PlastiPad® - Narrow Adult 60" x 22" (152.4cm x 55.9cm)	ea.
194	PlastiPad® - Pediatric 30" x 22" (76.2cm x 55.9cm)	ea.
193 CPC	PlastiPad® - Infant (including CPC connectors) 18" x 12" (45.7cm x 30.5cm)	ea.
193	PlastiPad® - Infant 18" x 12" (45.7cm x 30.5cm)	ea.
186	9' Blanket Extension Hose with Couplings (2.7m)	ea.
Testing Accessories		
TFRW	Tri-Matic - Temperature, Flow, Resistance Tester	ea.
TM6	Hose Assembly	ea.
TM4A	Probe Extension Cable	ea.
UMC-1	Universal Mounting Clamp	ea.
Reusable Temperature Probes - YSI 400 Series		
401	Adult Esophageal/Rectal Temperature Probe	ea.
402	Infant Esophageal/Rectal Temperature Probe	ea.
408	Banjo Surface Temperature Probe	ea.
409	Attachable Surface Temperature Probe (tapes on skin)	ea.
440	Probe Extension Cord - 10' (3m)	ea.
Steri-Probes® - Disposable Temperature Probes		
491B	Esophageal/Rectal Probe	20/box
499B	Skin Surface Probe	20/box
4900B	Reusable Connector Cable	ea.

Product Specifications:

Dimensions:

17" W x 17" D x 37.5" H
(43.2cm x 43.2cm x 95.3cm)

Weight: 131 lbs. (59.4kg)

Water Temperature Range:

4°C-42°C (39.2°F-107.6°F)

Patient Temperature Controller:

30°C-40°C (86°F-104°F)

High Control Setting Water:

42°C (107.6°F)

Low Control Setting Water:

4°C (39.2°F)

Primary Safety:

44.6°C ±2°C (112°F ±4°F)

Secondary Safety:

46°C ±2°C (115°F ±4°F)

Flow Rate:

42 Gallons (159 L) per hour (115v)
36 Gallons (136.3 L) per hour (230v)



Cincinnati Sub-Zero

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