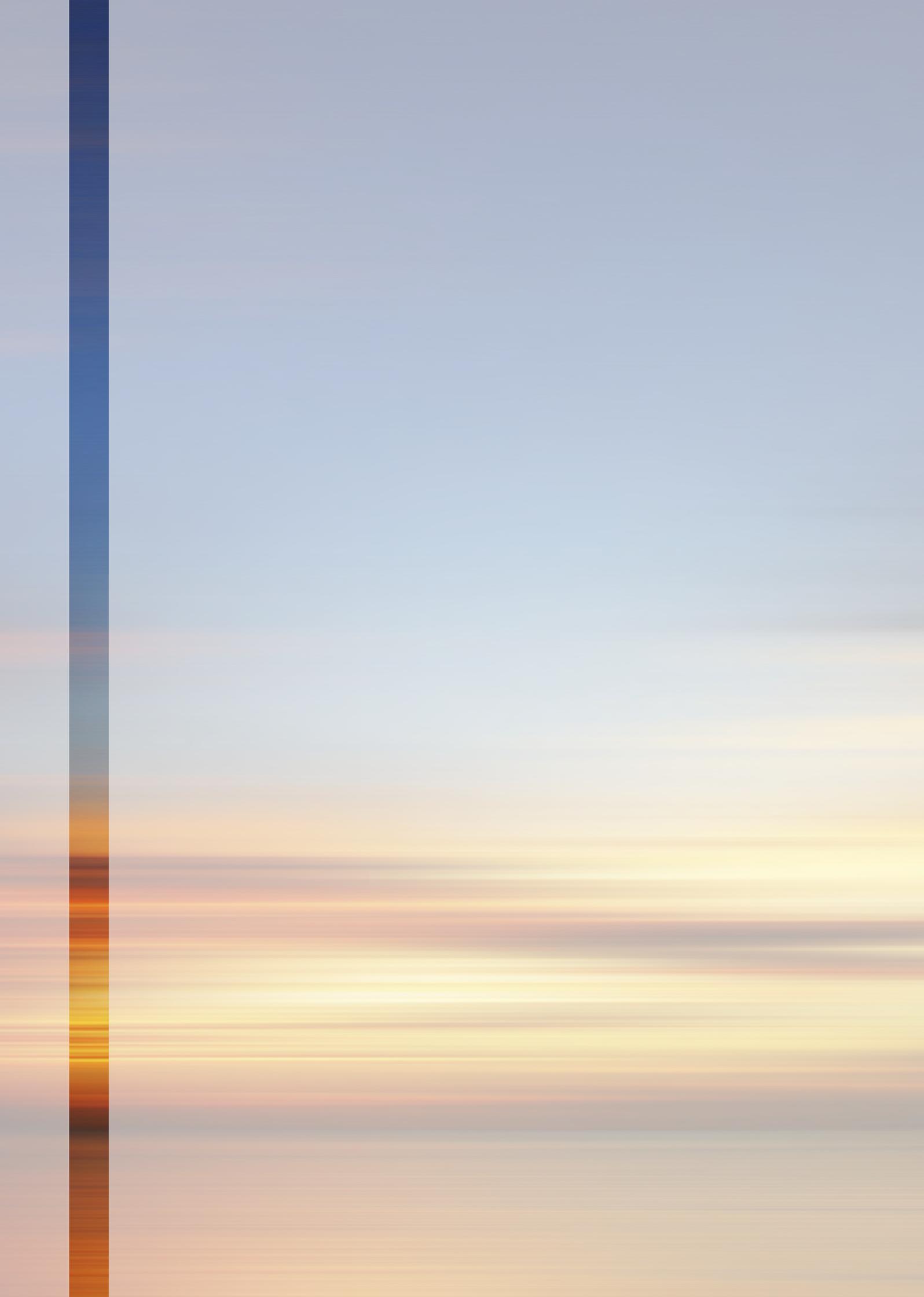




Patient Thermal Management Solutions

Technology to the next degree™





Gentherm Medical

Most technology companies are defined by the things they create. While Gentherm is no stranger to innovation, our goal goes beyond material creation: it is to positively impact lives around the world. Our core is thermal technology, but our vision reaches further. We listen to our customers, understand their needs and work tirelessly to develop solutions they demand and often solutions they haven't even realized they needed.

Our expertise in thermal technology continues to open doors for us. We solve technology problems that include improving energy system performance, intelligent software and more. After nearly 50 years, we could simply list all our accomplishments, acquisitions and breakthroughs, rather we prefer to focus on how all that enables the future. Such as how

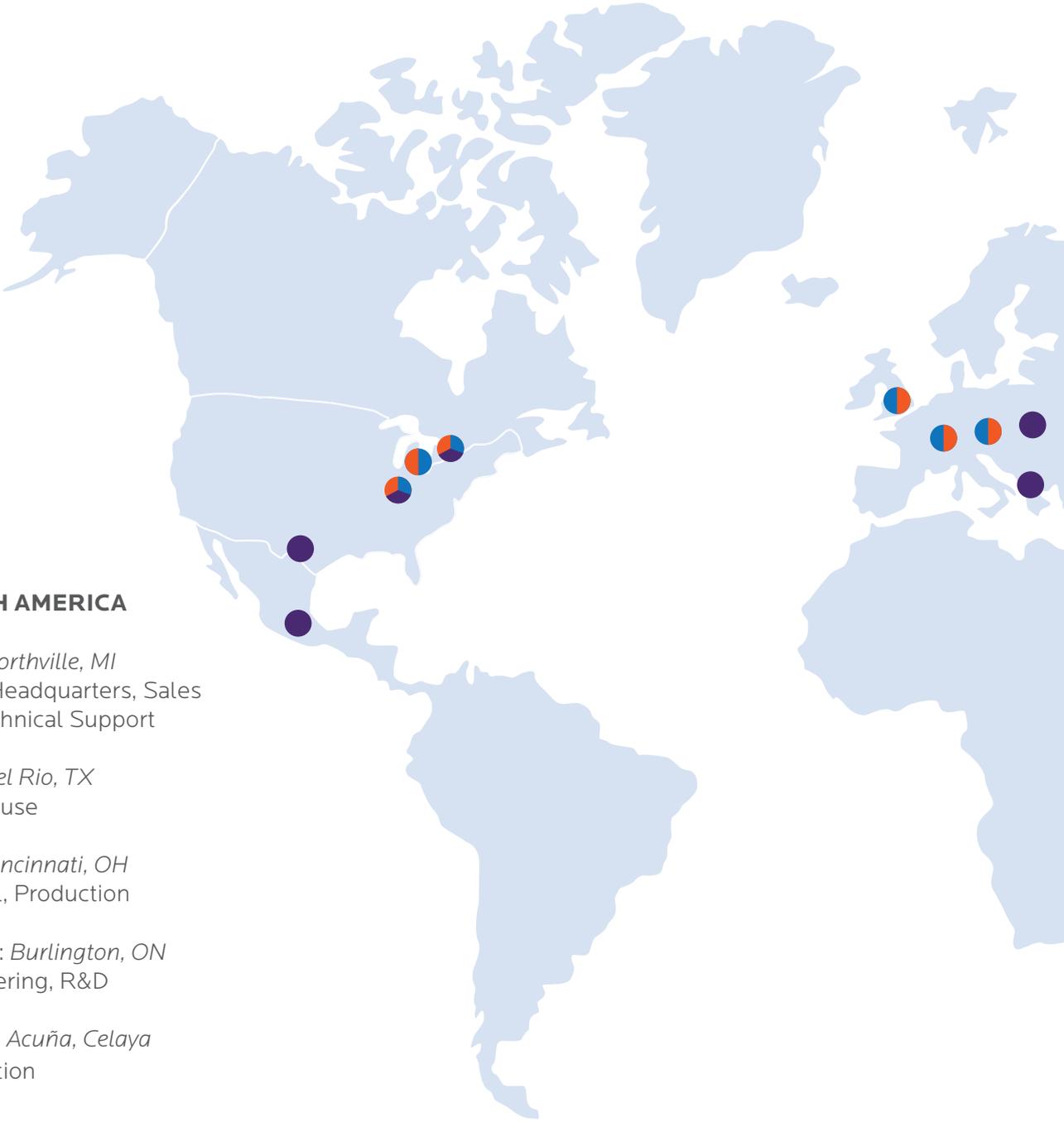
our global reach and industry-leading manufacturing capabilities give us opportunities to innovate, test and perfect. Or how our focus on unique, in-vehicle thermal solutions is a gateway to understanding customers worldwide. That's just scratching the surface of how our more than 13,000 employees in 13 countries help to create thermal energy solutions every day.

Our expertise in thermal solutions for automotive helps us develop a full line of patient temperature management solutions for the healthcare market. Our line of medical products includes whole body warming and cooling for targeted temperature management, maintaining normothermia as well as localized therapies.

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GENTHERM Worldwide



NORTH AMERICA

USA: *Northville, MI*
World Headquarters, Sales
and Technical Support

USA: *Del Rio, TX*
Warehouse

USA: *Cincinnati, OH*
Medical, Production

Canada: *Burlington, ON*
Engineering, R&D

Mexico: *Acuña, Celaya*
Production



ASIA

China: *Langfang*
Asian Headquarters, R&D,
Production, Customer Service Center

China: *Shanghai*
Customer Service Center, Electronics
Development

China: *Shenzhen*
Electronics Production

Japan: *Tokyo*
Sales and Technical Support

South Korea: *Anyang, Asan, Ulsan*
Sales and Technical Support

Vietnam: *Ha'Nam*
Production

EUROPE

Germany: *Odelzhausen*
European Headquarters, R&D,
Customer Service Center

Hungary: *Pilisszentiván*
Application Engineering,
Production

Ukraine: *Vynohradiv*
Production

Macedonia: *Prilep*
Production

Malta: *Ta'Xbiex*
Customer Service Center

United Kingdom:
West Midlands, Coventry
Sales and Technical Support

Hyper-Hypothermia Systems

- Blanketrol® III
- Kool-Kit®
- Kool-Kit® Neonate
- Maxi-Therm®
- Maxi-Therm® Lite
- PlastiPad®
- Staff Vest
- Head Wrap

Targeted Temperature Management takes temperature management to the next degree by providing precise temperatures. We understand the importance of cooling quickly and accurately.

Our whole body hypothermia system provides an effective alternative to traditional patient cooling techniques. This revolutionary system combines our Head Wrap, Patient Vest, and Lower Body Blanket for a non-invasive whole body hypothermia system. This method of cooling the patient allows for early therapy that is fast, reliable and cost-effective.

A healthy body maintains its temperature, and a rise and fall in body temperature indicates a change in bodily function. For instance, high temperature could be an indication of an infection. Abnormally low temperature or hypothermia can lead to numerous complications. Temperature management products aid in the regulation and maintenance of normal body temperature in operating rooms, recovery rooms, intensive care units and other areas of hospitals throughout the world.





WATER
35
PATIENT
37.3
MANUAL CONTROL
TEMP SET
C/F
SILENCE ALARM
TEST INDICATORS
AUTO CONTROL
GRADIENT 10C
GRADIENT VARIABLE
SMART
MONITOR ONLY
Gradient Variable
BLANKETROL III
Hyper-Hypothermia

ON
OFF

Blanketrol® III

NEXT LEVEL TARGETED TEMPERATURE MANAGEMENT

The Blanketrol® III hyper-hypothermia system offers simple programmable body temperature regulation while still keeping the control in the hands of the caregiver. Its innovative Gradient Technology minimizes fluctuations in water temperature and maintains a stable patient temperature. It can be utilized in both the cooling and heating mode, allowing for rapid or gradual patient temperature management control.

With biofeedback from the patient through esophageal or rectal temperature probes, the Blanketrol® III monitors patient temperature every 2 seconds and adjusts temperature in minutes to maintain the patient's target temperature. The Gradient features offered in the Blanketrol® III can control how much temperature change is in the water which can help with overshoot. The SMART mode works as a "back-up" to provide the needed temperature gradient as correlated to the patient temperature.



BENEFITS & FEATURES

- Programmable & Pre-set variable Gradient Temperature selection
- SMART mode
- May be used in a variety of departments within hospital/medical clinic
- Data Export Software is available
- Three (3) hose connections
- User-friendly interface
- High Flow Rate for tight temperature control
- Ability to pre-condition the water



SPECIFICATIONS

Model #: 233

Sizes: 100v, 115v, 230v

Dimensions	17" W x 17" D x 37.5" H (43.2 cm x 43.2 cm x 95.3 cm)
Weight	Empty: 131 lbs. (59.4 kg) Full: 147 lbs. (67 kg)
Fluid Temperature Range - Manual	4°C - 42°C (39.2°F - 107.6°F)
Patient Temperature Range - Point Range	30°C - 40°C (86°F - 104°F)
Reservoir capacity	2 Gallons (7.5 Liters)
Flow Rate	42 gph (115v); 36 gph (230v)
Heater	800 watts
Probe Type	400 series

Kool-Kit®

FULL BODY COOLING SYSTEM

The Kool-Kit® when combined with the Blanketrol® III is a full body cooling system for applications designed to induce hypothermia and provide normothermia.

It contains three high quality cooling blankets and wraps; the head wrap, vest, and lower body blanket. The self sealing hoses keep water from spilling when disconnecting the blankets.

The random flow design of the blankets/wraps ensures that the therapy will be constantly delivered regardless of the patient's positioning. This high quality coverage allows for therapy to be provided to major vasculature for accurate temperature change.



BENEFITS & FEATURES

- Can cover a wide range of patients
- Each piece is fully adjustable, allowing for easy access to the skin
- Cooling can be initiated within minutes and set to a tenth of a degree
- No Adhesive or cumbersome wrapping

SPECIFICATIONS

Model #900	Head Wrap, Patient Vest, Lower Body Blanket
Model #910	Head Wrap, Lower Body Blanket
Model #920	Patient Vest, Lower Body Blanket
Model #930 - Large Kool-Kit®	Head Wrap, Patient Vest, Full Body Blanket

*MUST PURCHASE THREE (3) CONNECTING HOSES (CAT #286) TO RUN KOOL-KIT® WITH THE BLANKETROL® III

Kool-Kit[®] Neonate

INFANT/NEONATE COOLING SYSTEM

The Kool-Kit[®] Neonate and Blanketrol[®] III were designed with the understanding that precision and accuracy are particularly important during the cooling, maintaining and re-warming stages for infants/neonates.

The Variable Gradient Technology of the Blanketrol[®] III empowers the caregiver to provide therapy that reduces the risk of overshoot when cooling and warming.



BENEFITS & FEATURES

- Provides necessary disposables in one convenient package
- Easy to set-up
- Can provide tight temperature control with the Blanketrol[®] III
- Includes Blanket, Mittens, Booties, and Esophageal/Rectal Temperature Probe
- Mittens/Booties allow more family contact without compromising patient temperature
- Self-sealing/insulated blanket hose

SPECIFICATIONS

Model #950

Lower Body Blanket, Esophageal/Rectal Temperature Probe, white Booties, set of pink Mittens & set of blue Mittens

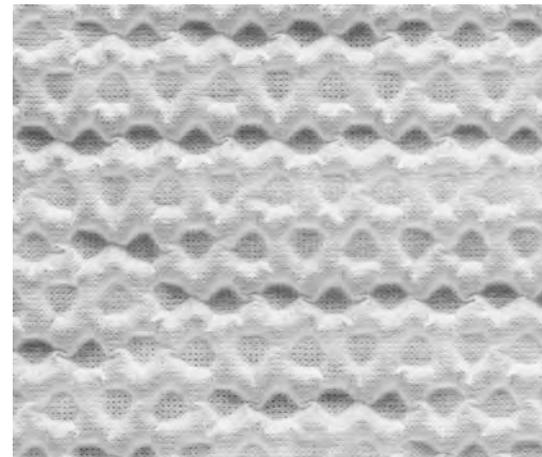
*MUST PURCHASE CONNECTING HOSE (CAT #286) TO RUN KOOL-KIT[®] NEONATE WITH THE BLANKETROL[®] III

Maxi-Therm® Lite

SINGLE USE, HYPER-HYPOTHERMIA BLANKETS

Our Maxi-Therm® Lite hyper-hypothermia blankets have a strong bonded pattern resulting in a long lasting seal during usage.

The random flow pattern of the blankets allows water to flow freely without a set path. This allows the blanket to fill quickly and deliver continuous therapy to the patient even if the blanket is folded.



BENEFITS & FEATURES

- Durable and light weight
- May be used over or under the patient
- Can be used for heating and cooling the patient
- Soft, comfortable material covers both sides of the blanket
- No need for extra cover sheets
- Random flow pattern allows for even temperature distribution
- Self-sealing connections



SPECIFICATIONS

Model #876	25" x 64" (63.5 cm x 162.6 cm)
Model #874	25" x 33" (63.5 cm x 83.8 cm)
Model #873	12.5" x 18" (31.8 cm x 45.7 cm)

*MUST PURCHASE CONNECTING HOSE (CAT #286) TO RUN BLANKET WITH GENTHERM EQUIPMENT

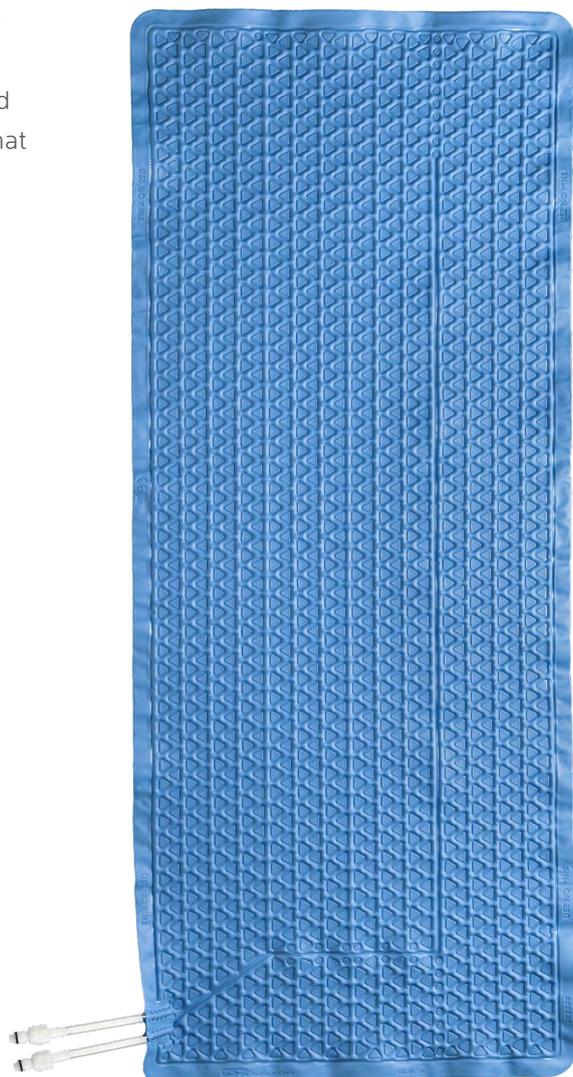
Maxi-Therm®

SINGLE PATIENT USE, HYPER-HYPOTHERMIA BLANKETS

Our Maxi-Therm® hyper-hypothermia blankets have a durable construction to withstand rigorous use. They have a random flow design which results in even temperature distribution and excellent heating and cooling rates. They were designed so that the blanket can be filled with the patient in place.

BENEFITS & FEATURES

- Easy to clean and apply to the patient
- Provides heating or cooling of the patient
- May be placed underneath or on top of the patient
- Durable materials help the blanket to last throughout the patients stay
- Self-sealing connections
- Quick disconnect without clamps



SPECIFICATIONS

Model #276	24" x 60" (61 cm x 152.4 cm)
Model #274	22" x 30" (55.9 cm x 76.2 cm)
Model #273	12" x 18" (30.5 cm x 45.7 cm)

*MUST PURCHASE CONNECTING HOSE (CAT #286) TO RUN BLANKET WITH GENTHERM EQUIPMENT

PlastiPad®

HYPER-HYPOTHERMIA WATER BLANKETS

The PlastiPad® is a reusable water blanket that is durable and convenient. These blankets have a non-porous surface that is easy to clean off blood, soil, and/or debris.

The PlastiPad blanket utilizes a random flow pattern for uniform distribution of water, yielding fast and efficient circulation throughout the entire blanket to provide effective patient therapy.

Offered with and without an attached hose for convenience.



BENEFITS & FEATURES

- Can be used for heating or cooling of the patient
- Quick set-up time
- Easy to clean between patients
- Available with permanently attached hoses and in a variety of sizes
- Constructed of durable urethane material

SPECIFICATIONS

Model #196	24" x 60" (61 cm x 152.4 cm)
Model #196 CPC	24" x 60" (61 cm x 152.4 cm) CPC connectors (Requires 286 connecting hose)
Model #195 N	20" x 60" (50.8 cm x 152.4 cm) Requires 286 connecting hose
Model #194	22" x 30" (55.9 cm x 76.2 cm)
Model #194 CPC	22" x 30" (55.9 cm x 76.2 cm) CPC connectors (Requires 286 connecting hose)
Model #193	12" x 18" (30.5 cm x 45.7 cm)
Model #193 CPC	12" x 18" (30.5 cm x 45.7 cm) CPC connectors (Requires 286 connecting hose)
Model #186	9' (2.7 m) Blanket Extension hose with couplings

Head Wrap

INNOVATIVE METHOD OF COOLING FOR THE HEAD

Our Head Wrap is an innovative method of cooling for the head. It was developed to provide uninterrupted therapy throughout a variety of procedures. It offers a non-invasive method of controlling core body temperature. It is an alternative to ice or ice packs and its versatile design provides therapy in a wide variety of clinical situations.

BENEFITS & FEATURES

- Unique design allows for easy access to the head and neck area
- Head cooling is a useful adjunct treatment to whole body hypothermia in regulating temperature
- Helps maintain normothermia
- One size fits most
- Adjustable velcro straps
- Soft material for patient comfort



SPECIFICATIONS

Model #600

25" x 64" (63.5 cm x 162.6 cm)

*MUST PURCHASE CONNECTING HOSE (CAT #286) TO RUN HEAD WRAP WITH GENTHERM EQUIPMENT

Staff Vest

COOLING FOR YOUR SURGEON AND STAFF

The Staff Cooling Vest helps keep the surgical team comfortable throughout a procedure and is designed to circulate water evenly and effectively without the mess of ice. With the Blanketrol® III, surgeons and their staff can pre-condition and control the water temperature to stay cool throughout their procedures.

BENEFITS & FEATURES

- May be used to warm or cool members of the surgical team
- Sterile gowns and/or lead vest may be worn on top of the Staff Vest
- One size fits most staff members
- Adjustable velcro straps
- Can be connected to Gentherm equipment below the sterile field
- Lightweight and permanently attached hoses
- Single use for 3 surgeries a day for 5 days

*NOT AVAILABLE FOR PURCHASE IN EUROPE



SPECIFICATIONS

Model #300

One size fits most

*MUST PURCHASE CONNECTING HOSE (CAT #286) TO RUN STAFF VEST WITH GENTHERM EQUIPMENT





GENTHERM



Normothermia Systems

- WarmAir®
- FilteredFlo®
- Norm-O-Temp®
- Gelli-Roll®

We offer two different systems for providing normothermia, Norm-O-Temp® and WarmAir®. These systems provide the desired warmth and comfort needed to the patient; the method of delivery depends on the caregiver's preference.

The Norm-O-Temp® combined with the Gelli Roll® offers excellent temperature control while providing complete access to the patient. It is a great solution for the Operating Room and Emergency Department.

The WarmAir® has 3 therapeutic temperature settings that help keep the patient at a normothermic level. Any department in the hospital that is looking for a basic warming system, the WarmAir® is your solution.





WarmAir[®]

CONVECTIVE PATIENT WARMING SYSTEM

Prevention of intraoperative hypothermia is considered to be standard practice in perioperative departments. This is particularly important for patients undergoing major surgery. Our WarmAir system helps maintain patient temperature and provide comfort before, during and after surgery.



BENEFITS & FEATURES

- Helps keep patients comfortable before and after surgery
- Provides maintenance of normothermia during surgery
- 3 levels of therapy and an ambient setting
- Compact and lightweight frame
- High and low temperature alarms

SPECIFICATIONS

Model #: 135

Sizes: 100v/115v, 220v/240v

Dimensions	8.75" W x 8.75" D x 13.5" H (22.2cm x 22.2cm x 34.3cm)
Weight	13.5 lbs. (6.1 kg)
Temperature Settings	32.2°C (90°F) 37.8°C (100°F) 43.3°C (110°F)
Filtration	0.2 microns, High efficiency
Airflow	35 cfm
Heater	800 Watts

FilteredFlo®

PATIENT WARMING BLANKETS

The unique design of the FilteredFlo® patient warming blankets permit use of a lower velocity blower to supply gently moving, filtered air. The blankets filter the air by 94% before it comes in contact with the patient, which can help decrease the risk of surgical site infections.



BENEFITS & FEATURES

- Can be folded back for easy access to patient when inflated
- Won't float or hover over patient, blankets lay conformed to patient
- Blankets have 2 layers of material, allowing the air to be filtered twice before it reaches the patient
- Provides warmth to the patient by filtering air through the material and not forcing it through small punctures

SPECIFICATIONS

Model #243	Adult - 92" x 50" (233.7 cm x 127 cm)
Model #443	Upper Body - 88" x 30" (223.5 cm x 76.2 cm)
Model #442	Lower Body 53" x 40" (134.6 cm x 101.6 cm)
Model #344	Torso - 43" x 40" (109.2 cm x 101.6 cm)
Model #244	Pediatric - 56" x 40" (142.2 cm x 101.6 cm)
Model #246	Infant Underbody - 24" x 37" (61 cm x 94 cm)
Model #247	Pediatric Underbody- 72" x 36" (182.8 cm x 91.4 cm)
Model #248	Adult Underbody - 78.5" x 40" (199.4 cm x 101.6 cm)
Model #460	Lower Body Blanket - 46" x 36" (116.8 cm x 91.4 cm)
Model #461	Upper Body Blanket - 76" x 42" (193 cm x 61 cm)
Model #462	Adult Blanket - 80" x 36" (203.2 cm x 91.4 cm)
Model #145	Warming Tube - 28" x 66" (71.1 cm x 167.7 cm)
Model #542	Sterile Cardiac - 72" x 50" (182.8 cm x 127 cm)

Norm-O-Temp[®]

HYPERTHERMIA SYSTEM

Our Norm-O-Temp[®] is a whole body hyperthermia system that allows conductive warming therapy to be administered. It can be used in the operating room, pre-op, recovery, emergency department or any other department in need of patient warming.

BENEFITS & FEATURES

- Cost-effective heat therapy system
- Microprocessor controlled
- Helps maintain normothermia
- Pre-warming feature
- 2 blanket connections
- Easy to use interface
- Compact size helps save space



SPECIFICATIONS

Model #111Z	115v
Model #111W	230v
Model #118	Stand with I.V. pole
Model #119	Low profile stand
Dimensions	9" W x 15" D x 18.5" H (22.9 cm x 38.1 cm x 46.9 cm)
Weight	33.5 lbs (15.2 kg)
Water Temperature Range	32°C – 42°C (89.6°F – 107.6°F) – Heating only
Heater	800 Watts
Flow Rate	42GPH (115V) / 36GPH (230V)

Gelli-Roll®

REUSABLE WARMING & COOLING PAD

Our Gelli-Roll® when used with our thermal regulating systems offers patient warming and cooling. The revolutionary and simple-to-use Gelli-Roll® combines patient temperature management and comfort.

It is a reusable water blanket encapsulated in Akton® polymer. It may be used before, during, or after surgery to effectively keep your patient normothermic.



BENEFITS & FEATURES

- May help reduce set-up and breakdown time
- Easy to clean with disinfectants
- Allows complete access to the patient
- Supports most patients, infant to adult
- Self-sealing hose connections
- Can be used for warming or cooling the patient



SPECIFICATIONS

Model #195p	73.5" x 21.5" x 0.625" (186.7 cm x 54.6 cm x 1.6 cm)
Model #194p	31.25" x 23.75" x 0.625" (79.4 cm x 60.3 cm x 1.6 cm)
Model #193p	20" x 13" x 0.625" (50.8 cm x 33.1 cm x 1.6 cm)

*MUST PURCHASE CONNECTING HOSE (CAT #286) TO RUN BLANKET WITH GENTHERM EQUIPMENT

AKTON® is a registered trademark of Action Products, Inc., USA

Localized Therapy

- Electri-Cool® II
- Micro-Temp® LT
- Cold Therapy Pads
- Maxi-Therm® Lite Pads

The development of portable constant-flow cold therapy devices permits the continuous application of cold to the operated or injured area in the outpatient setting. Our Electri-Cool® II offers continuous cold therapy to your patients with simple operation and easy application.

In addition, our Micro-Temp® LT is a local active warming system that can be an effective and easy to use therapy for localized body surfaces, in multiple areas of the hospital.





Electri-Cool® II

COLD THERAPY SYSTEM

The Electri-Cool® II is the premier choice of localized cold therapy systems. Our easy to use system requires no ice to operate, simply add sterile water and select your desired temperature range. The Electri-Cool® II is lightweight and compact, making this unit the ideal choice among healthcare professionals. It may also be attached to the patient's bed with a bracket to save valuable floor space, or may be mounted on a stand for easy mobility.



BENEFITS & FEATURES

- No ice required, which means no mess or waste of valuable nursing time to change ice
- Consistent cooling therapy
- Easy to use
- 3 levels of temperature available
- Variety of pads available for several applications



SPECIFICATIONS

Model #: 767

Sizes: 100v/115v, 230v, 220v/240v

Dimensions	12" W x 6" D x 12" H (30.5 cm x 15.2 cm x 30.5 cm)
Weight	13 lbs. (5.9 kg)
Water Temperature Range	5°C - 7°C (40°F - 45°F) 8°C - 10°C (45°F - 50°F) 11°C - 13°C (50°F - 55°F)
Flow Rate	18 gph (68 lph)

Model #757 H1D	12" (30.5 cm) Dual Pad Connecting Hose
Model #757 H2D	24" (61 cm) Dual Pad Connecting Hose
Model #757 H8D	8' Dual Pad Connecting Hose
Model #757 HIE	6' Connecting Hose Insulated for Electri-Cool® II Model 757
Model #767 BBK	Bed Bracket
Model #UNV LPS	Universal Stand (must purchase EC-080 to attach Electri-Cool® II to stand)
Model #EC-080	Adapter Plate for Universal Stand



Micro-Temp[®] LT

HEAT THERAPY SYSTEM

Our Micro-Temp[®] LT heat therapy system allows the caregiver to set the water temperature between 20°C and 42°C (68°F - 107°F), apply a Gentherm localized temperature therapy pad, and be confident their patient is receiving the optimal benefit of heat therapy.

BENEFITS & FEATURES

- Variety of safety alarms
- Self-calibrating microprocessor
- Select temperature in 1 degree increments



SPECIFICATIONS

Model #: 749

Sizes: 100v/115v, 220v/240v

Dimensions	9.8" W x 8.2" D x 9.1" H (24.9 cm x 20.8 cm x 23.1 cm)
Weight	9 lbs. (4.1 kg)
Water Temperature Range	20°C - 42°C (68°F - 107.6°F)
Flow Rate	18 gph (68 lph)
Water Temperature Range	20°C - 42°C (68°F - 107.6°F)
Flow Rate	18 gph (68 lph)

*NOT AVAILABLE FOR PURCHASE IN EUROPE

Model #737 BBK	Bed Bracket
Model #UNV LPS	Universal Stand (must purchase MT 081 to attach Micro-Temp® LT to stand)
Model #MT 081	Adapter Plate (must purchase to attach Micro-Temp® LT to universal Stand)



Cold Therapy Pads

COLD THERAPY PADS & WRAPS

Our Cold Therapy Pads are designed to deliver controlled cold therapy. When utilized with the Electri-Cool® II Cold Therapy Unit, these pads cool to a consistent temperature throughout and remain pliable.

Their flexibility helps them to conform to the contours of the body even at the coldest temperatures. Combined, these attributes equal a large area of coverage and effective cold therapy.

BENEFITS & FEATURES

- Pads come in sterile and non-sterile versions
- Option of straps for easy application
- Durable materials
- Remain pliable even when cold
- Random flow pattern for even distribution
- Self-sealing connectors with insulated hoses

SPECIFICATIONS

Model #510 USS	5" x 10" with straps
Model #814 USS	8" x 14" with straps
Model #1112 US	11" x 12"
Model #1112 USS	11" x 12" with straps
Model #1112 NS	11" x 12" non-sterile
Model #1215 US	12" x 15"
Model #CT 99	Universal (knee/shoulder)
Model #CT 99NS	Universal (knee/shoulder) non-sterile



Maxi-Therm® Lite Pads

COLD THERAPY PADS

The Maxi-Therm® Lite hyper-hypothermia pads have a durable construction to withstand rigorous use. The smaller sizes offer caregivers the ability to use with our Localized Therapy devices and provide the same comfort as our full body Maxi-Therm® Lite blankets.



BENEFITS & FEATURES

- Pads are durable and light weight
- May be used under, over or wrapped around the patient
- Can be used for both localized warming and cooling
- Soft, comfortable materials on both sides of the pads
- Random flow pattern allows for even therapy
- Self-sealing connections

SPECIFICATIONS

Model #873	12.5" x 18" (31.5cm x 45.7cm)
Model #872	25" x 19" (63.5cm x 31.8cm)
Model #871	22" x 17.25" (55.9cm x 43.8cm)



Blood Temperature Management

- Hemothem[®] CE

Gentherm offers blood temperature control systems for cardiovascular cooling/heating procedure for infant, pediatric and adult patient use.

Providing precise temperature control during cardiopulmonary procedures is important to the procedure and the patients outcomes. Our Hemothem[®] was designed to offer precise temperature controlled water to the heat exchangers used in the procedure.

Safety of your patients is our number one priority when designing our devices. The Hemothem was designed so that the air flow through the device would flow down and not aerosolize the water towards the surgical area. This can help reduce the potential for surgical site infection.





Hemotherm[®] CE

CARDIOVASCULAR HEATER/COOLER SYSTEM

As a leader in blood temperature management solutions, Gentherm provides the Hemotherm[®] CE cardiovascular heater/cooler system. The quiet running system delivers reliable, effective blood temperature management control during cardiopulmonary by-pass and other related cardiovascular procedures.

BENEFITS & FEATURES

- Mechanical refrigeration to replace messy unmanageable ice source.
- Independent heating and cooling reservoirs each with its own controller & temp. display
- Self-checking microprocessor
- Supplies water to a blood temperature exchanger/oxygenator or hyper-hypothermia blanket
- Easy to use interface
- Remote control option



SPECIFICATIONS

Model #: 400CE

Sizes: 115v, 230v

Dimensions	22" W x 22" D x 32" H (55.9 cm x 55.9 cm x 81.3 cm)
Weight	198 lbs. (89.8 kg)
Water Cooling Temperature Range	3°C - 32°C (37.4°F - 89.6°F)
Water Heating Temperature Range	25°C - 42°C (77°F - 107.6°F)
Heater	1750 Watts (230v) / 1500 Watts (115v)

Model #420	Flow indicator with shut-off valve assembly
Model #414CE	Remote control (includes universal mounting clamp UMC 1)
Model #415	Remote control port cable assembly
Model #UMC 1	Universal mounting clamp



GENTHERM - Growth & Transformation



AUTOMOTIVE

In a market of constant competition with years-long production cycles and ever-changing customer preferences, having a trusted partner in Gentherm and our global R&D has proven to be a great benefit to our many automotive colleagues. We offer a complete portfolio of products to deliver personal thermal comfort and energy savings across all vehicle segments and powertrains.

MICROCLIMATE SOLUTIONS

ClimateSense™ is the tip of the iceberg. This Gentherm invention providing energy efficiency and perfect thermal comfort in one, intelligent, integrated system is ready for the future, today. Combine that with our recent development: a next-generation personalized passenger thermal solution, tailored to the autonomous, electrified, and ridesharing ecosystem of the future. It becomes easier to see how we bring the right temperatures to the right people at the right times.

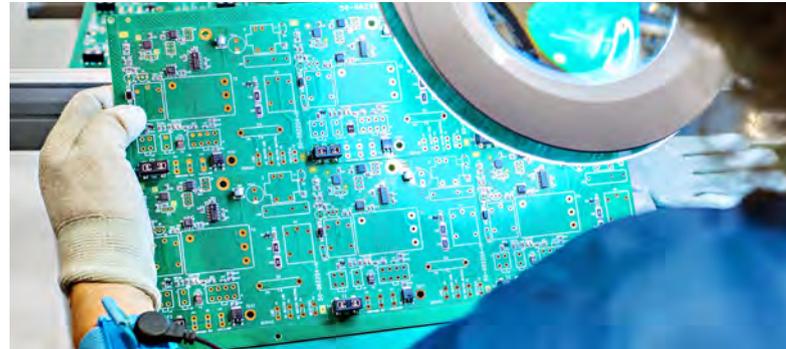
BATTERY THERMAL MANAGEMENT

Multiple OEMs. Multiple electrical standards. Multiple mechanical standards. Only Gentherm can satisfy all their battery thermal management needs. Pioneering efforts have enabled us to improve functionality, design flexibility and packaging optimization to deliver precise battery pack temperature control with nearly silent operation.



MEDICAL

This isn't about a global patient thermal management market growing by leaps and bounds. This also isn't about revenue growth. Gentherm belongs in the world of medical devices because the world of medical devices - and more importantly, the patients they help care for - needs Gentherm. The aging population is requiring more healthcare, increasing the adoption of patient thermoregulation products and therapies in developing markets and continued patient care and clinician workflow. Those people deserve the best possible care and we plan to provide it.



ELECTRONICS

At Gentherm, we focus our growth on a concerted, years-long plan that puts our customers first. And everything we plan to do gets its underpinning from our electrons and software systems. That growth centers on core automotive climate and comfort growth, introducing an innovative micro-climate solution, driving battery thermal management and expanding patient thermal solutions.

Technology to the next degree™

www.gentherm.com

CLINICAL 24/7 SUPPORT: 1.513.460.2038
TECHICAL 24/7 SUPPORT: 1.888.437.5608

