

Normothermia 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

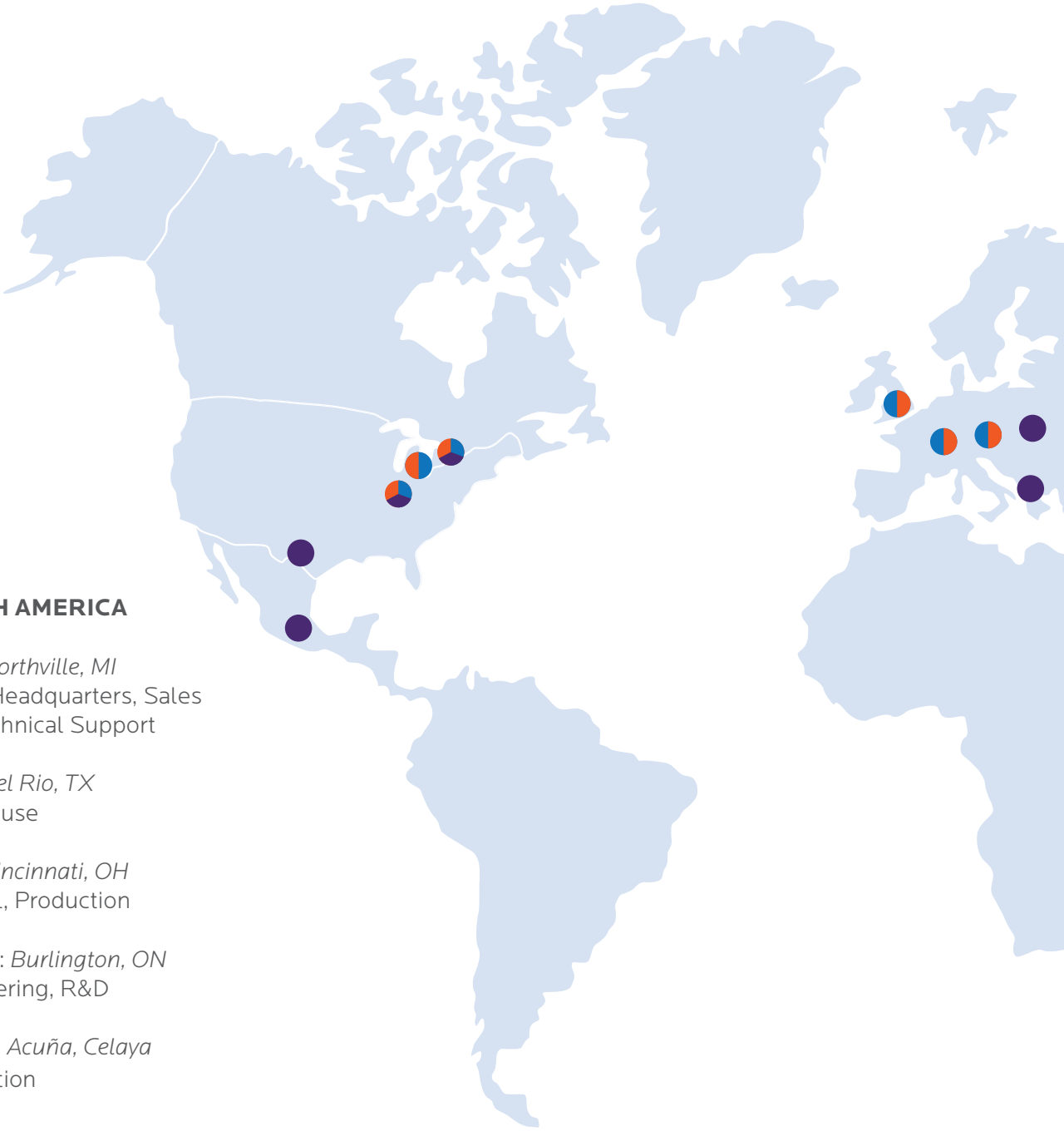
our global reach and industry-leading manufacturing capabilities give us opportunities to innovate, test and perfect. Or how our focus on unique, in-vehicle thermal solutions is a gateway to understanding customers worldwide. That's just scratching the surface of how our more than 13,000 employees in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

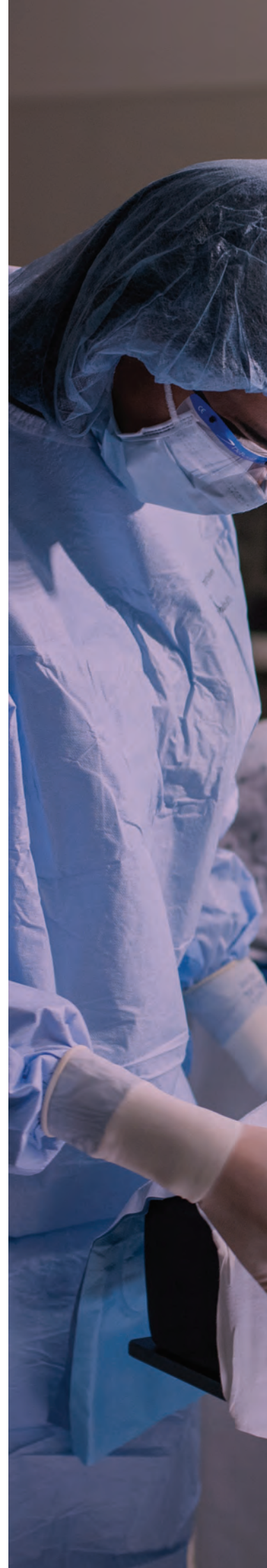
Normothermia Systems

- 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.





REF 443
Warm Air
FilteredFlo
PER BODY BLANKET

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)



GENTHERM

A patient is lying in a hospital bed, wearing a blue surgical cap and gown. The patient's eyes are closed, and their hand is near their face. In the foreground, there are two pieces of medical equipment, likely infusion pumps, mounted on a stand. The background shows a hospital room with various medical devices, including a monitor and a large piece of equipment with a circular opening. The lighting is warm and focused on the patient and the equipment.

Because she is counting on you
You count on us.

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 AND COOLING BLANKET

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

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.

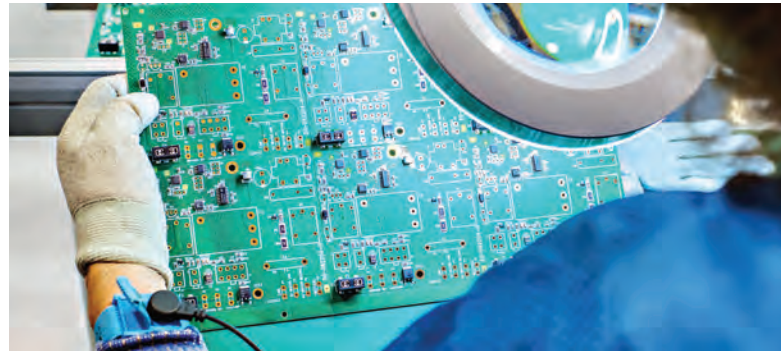
BATTERY THERMAL MANAGEMENT

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

