



Go beyond the blanket

With a solution that brings the heat — and the insight

Discover a temperature management solution that goes beyond ordinary warming, combining consistent heat with real-time, continuous core temperature monitoring to support informed clinical decision-making. Bair Hugger Temperature Management Solutions help reduce the risk of unintended hypothermia, support guideline adherence and streamline workflow — helping drive better patient outcomes and lower complication-related costs.

Proven evidence. Trusted performance.

The most studied warming solution

The Bair Hugger warming system is the most studied method of surgical warming in the world, with more than 170 published studies and more than 60 randomized controlled clinical trials, documenting its use. This depth of evidence helps clinicians choose confidently and support decisions with data.



170+ studies and
60 randomized trials^{1,2}

The Bair Hugger warming system is backed by more published outcomes research.*

*Compared to other leading convective and conductive warming systems on the market

Built to support hospitals.



Dedicated sales force



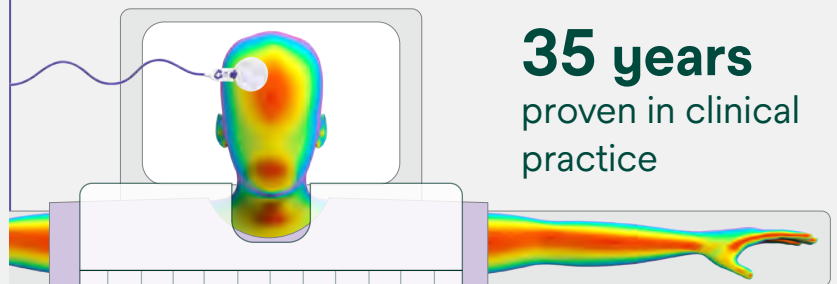
Service center support



Clinical expertise

Chosen by the best. Proven around the world.

The Bair Hugger warming system is the original forced-air warming technology. Since 1987, it been used daily in surgical settings around the world.



35 years
proven in clinical
practice

400M+
patients
have benefited from
warming globally^{1,3}

Solutions for every stage of care

Blankets, gowns and monitoring — designed with patients in mind

Bair Hugger Temperature Management Solutions are designed to support consistent, coordinated temperature management. Every component works together to deliver consistent warming, real-time insights, and flexibility across care settings — something no other temperature management solution offers.

A comprehensive temperature management solution

Warming Units

Quiet, reliable units with adjustable temperature and airflow deliver consistent, effective warming across care settings.

Gowns

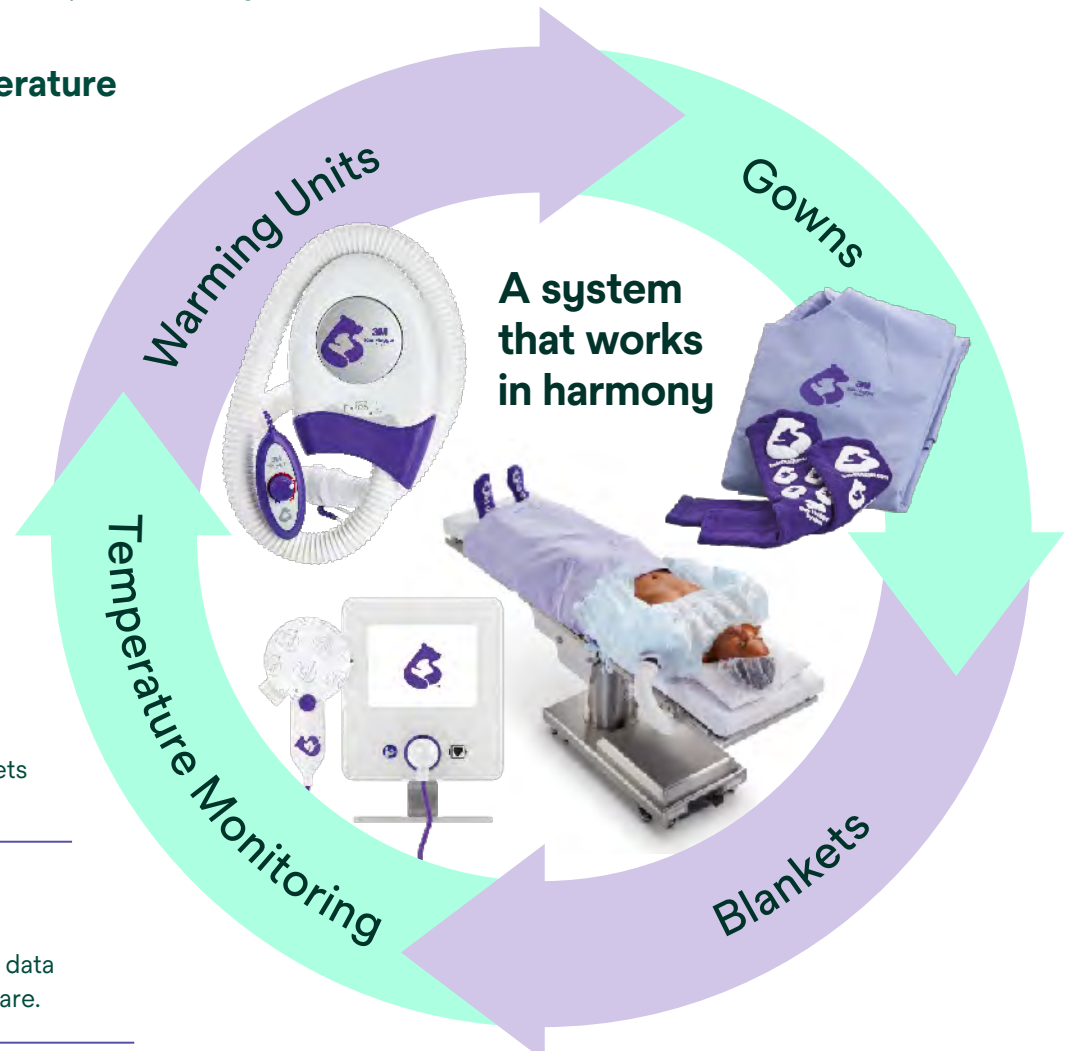
Designed to warm patients before, during and after surgery — combining comfort, coverage and clinical efficiency.

Blankets

Engineered perforation patterns are designed to support effective convective warming, while fluid outlets reduce pooled fluids.

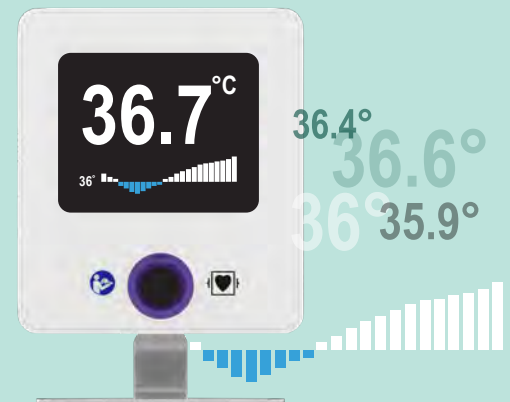
Temperature Monitoring

Continuous, noninvasive monitoring captures accurate core temperature data to support proactive, standardized care.



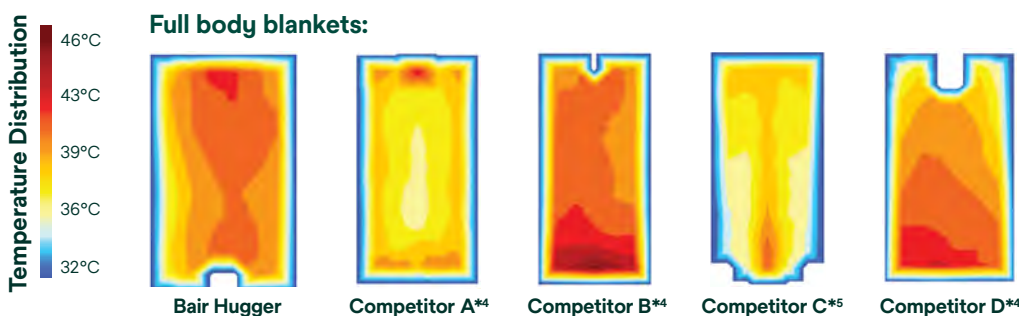
Beyond warming. Toward prediction.

With continuous temperature monitoring, the Bair Hugger Temperature Monitoring System helps clinicians do more than react — it helps them anticipate. By turning temperature data into actionable insight, the Bair Hugger Temperature Monitoring System supports proactive patient protection and more informed decision-making.





Trusted performance. Proven heat transfer.



126% more heat transfer than Competitor A⁴

47% more heat transfer than Competitor B⁴

72% more heat transfer than Competitor C⁴

55% more heat transfer than Competitor D⁴



Learn more about what our testing showed

*Comparative testing of select blanket models/warming unit models demonstrates that the Bair Hugger warming system consistently delivers significantly greater and more uniform heat transfer than leading competitors.***

*Images reflect the temperature of the portion of the blanket that transfers heat when inflated (tested per IEC 60601-2-35:2020), without showing additional brand identifying features. Competitive full body blanket used in conjunction with a full sized blower (120V/60hz) on its highest temperature and fan speed settings.

**Temperature measurements were taken in accordance with IEC 60601-2-35:2020, heat transfer coefficients were measured using the method of Brauer et al.⁸⁻⁹ and skin temperatures for the calculation of 'Q' were assumed to be 34°C.⁹ Heat rates are estimates based upon a typical use case, actual heat rate may vary depending on the patient circumstances and clinical practice.

Setting the standard for warming efficacy and reliability

In a prospective manikin and multi-center clinical trial evaluating four forced-air warming systems, the Bair Hugger warming system delivered superior effectiveness in reducing heat loss and improving warming outcomes, and maintained the highest intraoperative core temperatures among all systems tested.¹⁰

1. Solventum Data on File
2. 3M™ Bair Hugger™ System Research Compendium, 2017 at: FAWFACTS.com.
3. US Patent 4,572,188
4. Solventum Data on File. EM-05-312524_2, EM-05-715910_1
5. Solventum Data on File. EM-05-277295_4, EM-05-715910_1
6. Bräuer, A., English, M. J., Sander, H., Timmermann, A., Braun, U., & Weyland, W. (2002). Construction and evaluation of a manikin for perioperative heat exchange. *Acta Anaesthesiologica Scandinavica*, 46, 43-50. doi:10.1034/j.1399-6576.2002.460108.x 8, 7.
7. Bräuer, A., English, M. J., Steinmetz, N., Lorenz, N., Perl, T., Braun, U., & Weyland, W. (2002). Comparison of forced-air warming systems with upper body blankets

8. Bräuer, A., English, M. J., Lorenz, N., Steinmetz, N., Perl, T., Braun, U., & Weyland, W. (2003). Comparison of forced-air warming systems with lower body blankets using a copper manikin of the human body. *Acta Anaesthesiologica Scandinavica*, 2003, 58-64. doi:10.1034/j.1399-6576.2003.470110.x
9. Sessler, D. I. (1997b). Perioperative thermoregulation and heat balance. *Ann N Y Acad Sci*, 813, 757-777.
10. Yang H, Hu J, Luo H, et al. Effects of different forced-air warming systems on the core temperature of patients: a manikin and multi-center clinical study. *BMC Anesthesiology*. 2024;24:351. doi:10.1186/s12871-024-02734-z.



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See what sets us apart: [solventum.com](https://www.solventum.com)

Note: Specific indications, contraindications, warnings, precautions and safety information exist for these products and therapies. Please consult a clinician and product instructions for use prior to application. Rx only.

Solventum, formerly 3M Health Care

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