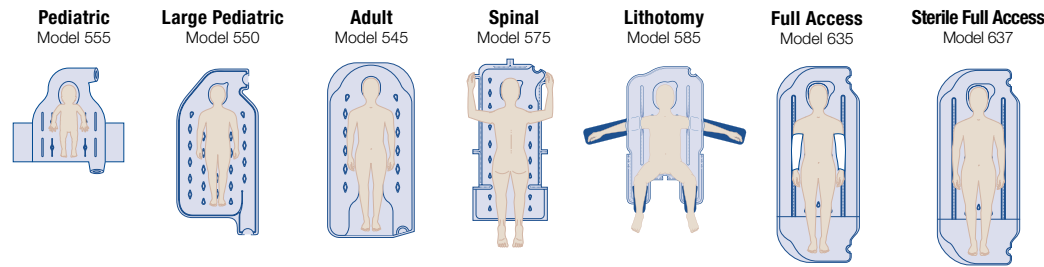


Complete Urologic Warming Solutions

3M™ Ranger™ Irrigation Fluid Warming System 3M™ Bair Hugger™ Therapy

3M™ Bair Hugger™ Underbody Series Blankets

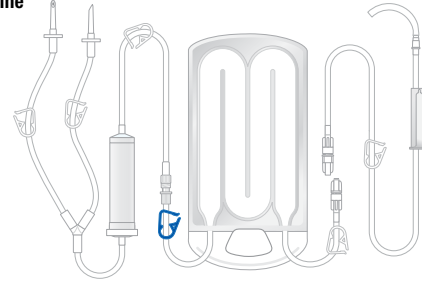


3M™ Ranger™ Irrigation Fluid Warming System

Ranger Irrigation Fluid Warming Unit
Model 247



Irrigation Fluid Warming Set with Standard Spike and Patient Line
Model 24750



To arrange an evaluation of any of these products, call 1-800-733-7775 or visit www.rangerfluidwarming.com or www.bairhugger.com.

References

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Complete Urologic Warming Solutions

3M Infection Prevention Solutions

Innovation
On A Mission



Anesthetized patients can't regulate their own temperature effectively and are at risk for developing unintended hypothermia, which can lead to an increased risk of adverse surgical complications, including surgical site infections¹ and increased blood loss,² higher mortality rates, prolonged mechanical ventilation, increased ICU stays and length of hospital stay.^{3,4} So using proven, proactive therapies to prevent hypothermia throughout the perioperative process is critical for every patient, every time.

Complete Urologic Warming Solutions

FORCED-AIR WARMING

The 3M™ Bair Hugger™ lithotomy underbody series blanket is positioned on the operating room table before the patient arrives to the room. The underbody design delivers full, unrestricted patient access for lithotomy, supine and lateral-positioned patients.

The distinct design provides a practical, high performance forced-air warming solution that:

- Accommodates patient prep and positioning requirements
- Warms effectively in all lithotomy positions
- Provides unique fluid outlets to minimize pooling of fluids on the surface of the blanket



The 3M™ Ranger™ irrigation fluid warming system and 3M™ Bair Hugger™ therapy work together to provide a simple, cost-effective solution to safely maintain normothermia in surgical patients. Research shows the Bair Hugger lithotomy underbody series blanket is an effective tool for preventing the initial decrease in temperature caused by redistribution temperature drop (RTD), which surgical patients may experience.⁵

IRRIGATION FLUID WARMING

Irrigation fluid warming strategies are a key element of urologic and gynecologic patient care. The Ranger irrigation fluid warming system is an intuitive, easy-to-use warming solution for high-volume surgical irrigation.

- Unlike fluids from a warming cabinet, which cool when they are removed, the Ranger irrigation fluid warming system provides warm fluids throughout the entire procedure
- Highly responsive dry heat technology monitors heater plate temperature four times per second to maintain a 41°C set point regardless of flow rate, which can vary from 0-865 mL/min
- The system's dry heat technology alleviates concerns about water in the OR and associated potential water-borne pathogens



*The Ranger irrigation fluid warming set is designed for use only with the Ranger irrigation fluid warming unit. It is not compatible with the Ranger blood/fluid warming unit.

COMBINE FORCED-AIR WARMING WITH FLUID WARMING TO HELP ACHIEVE NORMOTHERMIA

The best results in preventing hypothermia are achieved by combining methods, which include insulating the patient (drapes), warming all fluids and using forced-air warming to warm the patient.⁶