

ICU MEDICAL HOTLINE 3 HL-390



ABOUT

The ICU Medical **HOTLINE 3 HL-390** is an advanced blood and fluid warmer designed to maintain normothermic temperatures during intravenous (I.V.) fluid delivery. By using a recirculating solution, it ensures consistent warming from the device to the patient's connection point, minimizing the risk of fluid cool-down. The system is compact, easy to set up, and can be securely mounted on an I.V. pole for convenient use. Its intuitive display panel provides real-time temperature monitoring and alerts for added safety. Suitable for various clinical settings, this warmer ensures reliable performance for critical patient care.

FEATURES

- **Consistent normothermic fluid delivery:** Actively warms fluids to maintain consistent temperatures, preventing cool-down along the I.V. line.
- **Safe, recirculating heating system:** Utilizes a recirculating solution that avoids "hot spots," ensuring safe and even warming for patient fluids.
- **User-friendly design and setup:** Compact and easily mounted on standard I.V. poles, with a straightforward assembly process for quick deployment.
- **Real-time temperature monitoring:** Features an easy-to-read display panel with visual and audible alerts for system status, ensuring safe operation.
- **Multiple safety mechanisms:** Equipped with alarms for over-temperature and low fluid levels, enhancing patient safety during use.



SPECIFICATIONS



DIMENSIONS

Height: 9.5 inches (24.1 cm)
Width: 9.11 inches (23.1 cm)
Depth: 7.0 inches (17.8 cm)
Weight (Dry): 7.6 lbs (3.5 kg)
Weight (Wet): 11.0 lbs (5.0 kg)

THERMAL PERFORMANCE

Temperature Set Point: 38.0°C ± 0.1°C
Over Temperature Set Point: 39.2°C
Normothermic Flow Rates: Up to 5,000 ml per hour

GENERAL

Capacity: 0.37 gallons (1.4 liters)
Warm-Up Time: Reaches 37°C from ambient in about 4 minutes

ELECTRICAL

Power Input: 115V, 50/60 Hz, 3.0 Amps
Auxiliary Power Output: 115V, 50/60 Hz, 1.0 Amps
Type of Current: Alternating (AC)
Protection Against Electrical Shock: Class 1 Equipment, Type BF

ENVIRONMENTAL CONDITIONS

Operating Temperature: 50°F to 113°F (10°C to 45°C)
Transportation Temperature: 0°F to 140°F (-18°C to 60°C)
Storage Temperature: 0°F to 140°F (-18°C to 60°C)
Operating Humidity: 10% to 95% (non-condensing)
Storage Humidity: 5% to 90% (non-condensing)