

CSZ BLANKETROL III



ABOUT

The CSZ Blanketrol III Hyper-Hypothermia Temperature Management System is used to lower or raise a patient's temperature and/or maintain a desired patient temperature through conductive heat transfer. The Blanketrol III system comprises a heater, compressor, circulating pump, and blankets or pads. The system provides a fast response to core body temperature regulation.

FEATURES

- **Gradient temperature technology that allows for rapid or gradual heating and cooling**, offering precise control over temperature adjustments to ensure patient safety and comfort during critical treatments.
- **3 Hose connectors**, providing versatility and ease of connection for blankets or pads, achieving continuous temperature management.
- **Internal by-pass (pre-warming and pre-cooling of water in the unit)**, facilitating faster temperature changes by pre-conditioning the water, readying the system for immediate use.
- **Data export software allows for the patient's data during treatment to be exported as a .csv file**, enabling clinicians to monitor and analyze treatment data efficiently for better patient care.
- **Pressure sensitive touch switches, liquid crystal display, and two LED displays**, ensuring an intuitive user interface and clear, real-time monitoring of patient temperature and system status.



SPECIFICATIONS



DIMENSIONS

Height: 37.5 in (95.25 cm)

Width: 17 in (43.18 cm)

Depth: 17 in (43.18cm)

Weight (Empty): 131 lbs (59.4 kg)

CONSTRUCTION

Microprocessor controlled, lighted "OFF-ON" power switch.

Powder coated steel with plastic top.

Divided reservoir.

Bottom air discharge.

Built-in handle.

Bumper guard.

Storage Compartment.

4" casters.

TEMPERATURE RANGES

Water Temperature Range: 39.2°F-107.6°F (4°C-42°C)

Patient Temperature Controller: 86°F-104°F (30°C-40°C)

High Control Setting Water: 107.6°F (42°C)

Low Control Setting Water: 39.2°F (4°C)

SAFETY TEMPERATURES

Primary Safety: 111°F ±4°F (44.0°C ±2°C)

Secondary Safety: 115°F ±4°F (46°C ±2°C)

CIRCULATING SYSTEM

Divided Compartment Reservoir

2 gallon (7.5 liters) total capacity

Error-proof, quick-disconnect fittings

FLOW RATE

42 Gallons (159 L) per hour (115v)

36 Gallons (136.3 L) per hour (230v)

DISPLAY ACCURACY

Water Temperature: ± 1°F (± 0.5°C) (measured at 37°C)

Patient Temperature: ± .5°F (± 0.3°C)

THERMAL SYSTEM

Compressor: 1/3 HP

Heater: 800 Watts