

EC1540^{bl}

Combination Blanket/Fluid Warming Cabinet



**15.4 ft³ (0.44m³)
interior capacity**

Windowed doors

Interior illumination

Deluxe electronic control

Seismic wall mount

bracket kit is OSHPD
approved (#OPM-0067-13)

Blanket chamber

37-93°C (98-200°F)
temperature range

24-hour timer (single
programmable "off" period)

Epoxy-coated blanket
support assembly

Capacity: 7.7 ft³ (0.2m³)

Fluid chamber

WarmRight[®] provides the right
temperature for the right
product: irrigation (IRR) or
injection (INJ) fluids

Temperature range

37°-66°C (98°-150°F)
adjustable irrigation mode

37°-40°C (98°-104°F)
adjustable injection mode

Capacity: 18 1-liter bottles or
24 1-liter bags per basket

 **ENTHERMICS**
Medical Systems

An ISO 13485:2003 certified company

the warming people[®]
FLUID & BLANKET WARMERS

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Quality beyond comfort.*

EC1540bl Combination Blanket/Fluid Warming Cabinet

Specifications:

The dual-chambered warming cabinet is constructed with stainless steel exterior casing and door with handle and hinges designed to withstand heavy usage. A door with window allows observation of inventory with the door closed. The cabinet is warmed using low-heat-density electrothermal cable array. The electrothermal cable is positioned in the floor and two sides of the warming cabinet, providing even heating of the interior chamber.

The blanket warming chamber contains an epoxy-coated blanket support assembly and one (1) shelf. The fluid warming chamber is equipped with three (3) white, epoxy-coated wire baskets to accommodate most commonly used surgical fluids packaged in bags or bottles, mounted on basket rail supports. Each basket has a capacity of **18 1-liter bottles or 24 1-liter bags**. The cabinet is furnished with a full perimeter rubber bumper assembly for exterior protection, and one (1) set of 5" (127mm) heavy-duty casters, two with locking brake.

Control:

Each chamber's temperature is regulated by a separate electronic control consisting of a 4 digit L.E.D. display, ON/OFF button, INCREASE and DECREASE buttons, integrated lock-out control feature and a series of prompt sequence indicators.

Each control can easily be set to operate in Fahrenheit or Celsius. After a power failure, the cabinet will remember its programming and begin to operate as before. The ON/OFF indicator will blink to indicate a failure occurred; pressing the ON/OFF button once will eliminate this blinking. A thermal shut-off system, separate from the electronic controls, is included as an additional safety feature.

The control will display temperature in whole degrees.

Blanket warming chamber:

The design and operational characteristics of the chamber eliminate the need for a heat circulating fan.

The electronic control has an adjustable temperature range of 37° to 93°C (98° to 200°F).

The TIMER feature allows the user to program the control to automatically turn on and turn off once during a 24 hour period at selected times. This enables the chamber to be shut off automatically at night to save energy, but to turn on again in the early morning to ensure warm blankets are available.

Fluid warming chamber:

The warming cabinet can be programmed to warm either irrigation fluids (IRR) or injection fluids (INJ), with separate temperature ranges provided depending on the choice selected.

- IRR temperature range: 37° to 66°C (98° to 150°F),
- INJ temperature range: 37° to 40°C (98° to 104°F).

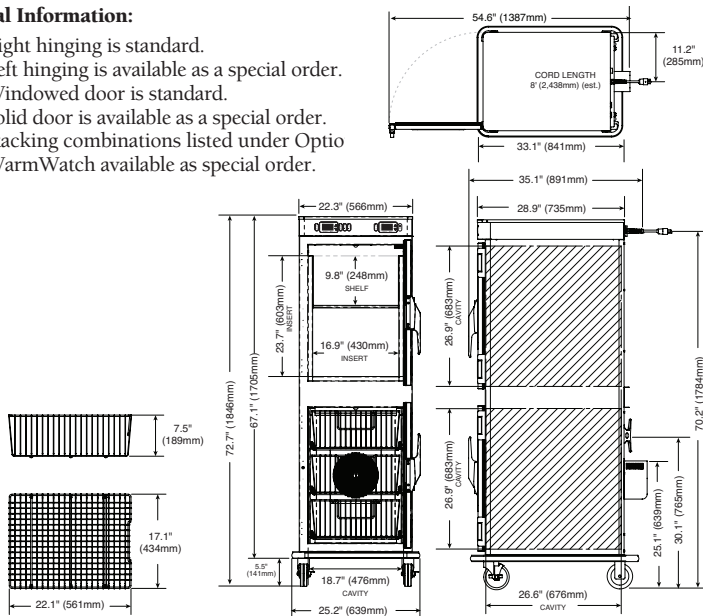
A fan located inside the chamber mixes the air to prevent temperature stratification and to ensure an accurate chamber temperature for each mode.

- Within +0/-1.67°C (+0/-3°F) for set points of 43° to 66°C (110° to 150°F)
- Within +0/-1.12°C (+0/-2°F) for set points of 37° to 40°C (98° to 104°F).

An alarm will sound if temperatures exceed 6°C (10°F) over the set-point temperature, and an OVERTEMP indicator will blink indicating an over-temperature condition.

Special Information:

- Right hinging is standard. Left hinging is available as a special order.
- Windowed door is standard. Solid door is available as a special order.
- Stacking combinations listed under Optio
- WarmWatch available as special order.



Capacity and Weights	
Interior Capacity (PER COMPARTMENT)	
Fluid compartment	18 1-liter bottles or 24 1-liter bags
Blanket compartment	7.7 cubic feet (0.2 m ³)
Net Weight	374 lb (170 kg)
Ship Weight	477 lb (216 kg)

Electrical	
120 V.A.C. — 60 Hz, 1 ph 1.92 kW, 16.0 Amps Safety Class I Equipment No Applied Parts Mode of Operation: Continuous	NEMA 5-20P 20A - 125V Plug Hospital Grade
230 V.A.C. — 50/60 Hz, 1 ph 1.7 kW, 7.4 Amps Type B Equipment	BS 1363 Plug* (UK only) CEE 7/7* 220-230V Plug

*Other international plugs are available, contact factory for more information.

Options and Accessories	
Bracket Kit for Seismic Wall Mount (OPM-0067-13) <i>(special installation requirements apply; see ES3214 spec)</i>	CONTACT FACTORY
Built-in Trim Kit	5013889
Combination Lock	5008361
Leg Kit, 6" (152mm)	5017084
Lock for Door Handle	LK-22567

WarmWatch®

The optional WarmWatch® package features real-time monitoring for quick and easy visual temperature confirmation and ensures set-point accuracy is maintained. These temperatures are recorded and analyzed to provide convenient, reliable data analysis and trend graphing for the life of the warmer. WarmWatch includes the following:

PATENT PENDING



Dual Temperature Readout – Provides visual verification that the unit is keeping its contents to the proper set-point temperature.



Integrated USB Port – Mounted flush to the face of the control panel, this port provides easy access to stored data.



Reporting Capabilities – Recorded data can be uploaded and used to verify performance and report the temperature accuracy.

Contact your Entermics sales representative for more information



An ISO 13485:2003 certified company

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