

# EC230<sup>l</sup>

## Fluid Warming Cabinet



**Capacity: 11 1-liter bottles  
or 16 1-liter bags**  
**Windowed door**

*WarmRight*<sup>®</sup> 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

 **ENTHERMICS**  
**Medical Systems**

An ISO 13485:2003 certified company

*the warming people*<sup>®</sup>  
FLUID & BLANKET WARMERS

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Quality beyond comfort.*

# EC230ℓ Fluid Warming Cabinet

## Specifications:

The single-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 warming cabinet is equipped with one (1) white, epoxy-coated wire basket to accommodate fluids packaged in bags or bottles, mounted on basket rail supports. The basket has a capacity of **11 1-liter bottles or 16 1-liter bags**. The cabinet is furnished with four (4) 1-1/4" (31mm) non-skid rubber feet.

## Control:

The interior chamber temperature is regulated by an 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.

The electronic 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 control, is included as an additional safety feature.

The control will display temperature in whole degrees.

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).

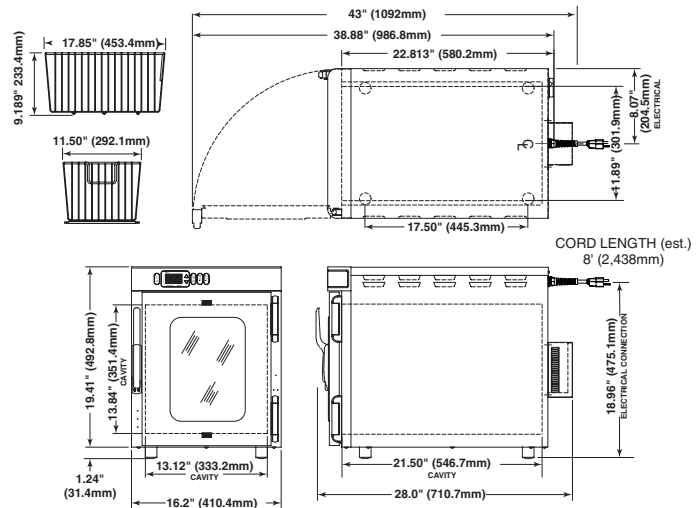
A fan located inside the chamber mixes the air to prevent temperature stratification and to ensure an accurate chamber temperature for each mode.

- 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 Options and Accessories.
- WarmWatch available as special order.



Capacity and Weights	
Interior Capacity	11 1-liter bottles or 16 1-liter bags
Net Weight	84 lb (38 kg)
Ship Weight	134 lb (60 kg)

Electrical	
120 V.A.C. — 50/60 Hz, 1 ph 0.65 kW, 5.4 Amps Safety Class I Equipment No Applied Parts Mode of Operation: Continuous	 NEMA 5-15P 15A - 125V Plug Hospital Grade 
230 V.A.C. — 50/60 Hz, 1 ph 0.8 kW, 3.5 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	
Caster Kit, 3.5" (89mm)	5016922
Caster Kit, 3.6" (91.44mm)	CONTACT FACTORY
Caster Kit, 5" (127mm)	5017043
Combination Lock	5008361
Leg Kit, 6" (152mm)	5017044
Lock for Door Handle	LK-22567
Stacking Hardware	5012145
EC230 over EC230 or EC230L	

## 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 Enthermics sales representative for more information



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