



THERMOREGULATED BAG FOR INFUSION HEATING

# ENERGY

## MAIN FEATURES

- Thermoregulated bag for warming infusions, ideal for the prevention and treatment of hypothermia.
- Portable system with carrying handle.
- Suitable for emergency services, usable in ambulances.
- Internal hooks in the bag for securing infusion bags: max. 2 liquid bags of 500 ml (16.9 fl oz) each.
- The bag's design, featuring dedicated openings, allows the infusion procedure to be performed without removing the bags from the device.
- Visual and acoustic alarm signals provide enhanced monitoring of proper device operation.



0051 Class IIa Medical Device compliant with MDR (EU) 2017/745

Compliant with  EN 1789:2024  IEC 60601-1+AMD1:2012 + AMD2:2020  IEC 60601-1-2:2014+AMD1:2020

IEC 60601-1-8:2006/A1:2012/A2:2020  IEC 60601-1-12:2014/AMD 1:2020

**ENERGY** is a thermoregulated bag designed for use in ambulances, intended for warming intravenous saline solutions to reduce the effects caused by the infusion of fluids at temperatures below body temperature. The device heats the liquid to a temperature between 37°C and 41°C and comes with a car cigarette lighter plug for powering the device inside the vehicle.



## TECHNICAL DATA

<b>Code</b>	<b>IF03030</b>
<b>Model</b>	<b>Thermoregulated bag for infusion heating ENERGY</b>
Dimensions	25 x 33,5 x 14,2 cm 9.8 x 13.2 x 5.6 in
Weight	1 kg 2.2 lb
Power cord length with car cigarette lighter plug	2 m 78.7 in
Capacity	2 liquid bags of 500 ml (16.9 fl oz) each
Internal hooks	N° 2
Materials	Nylon, PVC, ABS, PP
Heat source	Ultra-thin metal alloy heating element
IP protection	IP33
Insulation class	Class II
Target chamber temperature	37-41°C
Chamber heating time	5 min at ambient temperature 22°C, initial liquid temperature 22°C
Operative mode	Continuous

### Power supply

Voltage	12-15 Vdc
Max. power consumption	45 W

### SENSORS AND ALARMS

Temperature probe and safety thermistor	✓
Malfunction indicator	✓
Visual and audible alarm	If the heated chamber exceeds 42°C
Alarm sound level	48db

**Note:** Dimensions and weight are subject to tolerances of  $\pm 1$  mm ( $\pm 0.03$  in.) and  $\pm 0,1$  kg ( $\pm 0.22$  lb), respectively.

## ACCESSORIES

Code IF03034 – Energy 10G fastener system for ambulance

<b>Code</b>	<b>IF03034</b>
<b>Model</b>	<b>Energy fastener system</b>
Dimensions	28,6 x 35,6 x 9 cm 11.2 x 14 x 3.5 in
Weight	2,4 kg 5.3 lb
Material	Steel, PP strap with buckle

**Note:** Dimensions and weight are subject to tolerances of  $\pm 1$  mm ( $\pm 0.03$  in.) and  $\pm 0,1$  kg ( $\pm 0.22$  lb), respectively.

REV. 0 (20/02/2026)  
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