



www.electrotherm.com.au

Infusion Fluid Heating System

The Electrotherm Infusion Fluid Heating System comprises two heating appliances – the *ThermaCon*®, a fixed base heated container and the *ThermaBag*®, a portable heater. Together, they provide a convenient method for raising and maintaining temperature of liquid infusion fluid for administering to trauma patients. Fluid bags in the *ThermaCon* are typically held at a base depot ready for transfer into the portable *ThermaBag* for transport in emergency vehicles (see separate brochures for *ThermaCon* and *ThermaBag*).

Both the *ThermaCon* and *ThermaBag* are 'dedicated purpose', quality products designed to give long and reliable service life. Wide-area, low voltage, low power-density carbon-graphite electric heating elements installed within the floor and walls of these appliances gently radiate heat into the fluid bags. Efficient, multi-layer insulation materials inside all panels minimize heat loss and form stand-alone 'warm room' environments suitable for operation in low ambient temperatures.

Normal temperature regulation in the *ThermaCon* and *ThermaBag* is provided by micro-processor based digital Controllers sensing internal air temperature. Abnormal temperature limiting is provided by thermal Cutoff located against the heating element surface and connected in series with the supply wiring. High quality 'quarter-turn' bayonet locking plugs connect power to each appliance.



SPECIFICATION

ThermaCon: 12V d.c. 72W *ThermaBag*: 12V d.c. 15W

Normal temperature regulation by Digital Electronic Controller: 38°C +/-2°C

Abnormal temperature limiting by Thermal Cutoff: 144°C +0°C -4°C

* Complies with AS/NZS 60335.2.15: 2002 + A1, A2, A3, & A4 [Part 2] & AS/NZS 60335.1: 2002 + A1, A2, & A3 [Part 1]. Registered with the Therapeutic Goods Administration – Australian Government.

Manufactured and supplied by:
Electrotherm Pty Ltd

10 Keppler Circuit, Unit 4, Seaford, Victoria 3198, Australia

Tel: +61 3 9775 1575 Fax: +61 3 9775 1595

Email: sales@electrotherm.com.au www.electrotherm.com.au