(A) Thermal Angel
The Thermal Angel is a lightweight, battery-powered blood and IV fluid warmer that serves as a single point of heated infusion from first patient contact through the entire continuum of care. Due to its unique smart disposable design, the Thermal Angel directly measures and heats blood and IV fluids at 5,000 times per second, regulating an output temperature of 38°C (100.4°F) ±3°C.

- Weight: 9 oz
- 30 second setup
- Preset output temperature of 38°C (100.4°F) ±3°C
- Warms fluid to 38°C in approximately 45 seconds
- Software driven: temperature monitoring thermistor embedded in the fluid path regulates temperature to the patient 5,000 times per second
- No calibration or adjustment needed
- Constant temperature regulation for flow rates of KVO to 150 ml/min with a 38°C (100.4°F) ±3°C output
- Embedded thermistor automatically maintains preset temperature in clinical conditions such as stopped flow, flow rate change, bolus delivery, and change out of IV or blood bag
- Works with all standard luer connections
- Single patient use

(B) Thermal Angel 9” IV Extension Set
- Connects Thermal Angel to IV catheter
- Needle Free injection site
- Short for minimal heat loss at infusion site
- Sterile and non-pyrogenic
- Latex Free
- Disposable

For more information, please contact your Account Manager or call Customer Service at 800-533-0523.
STANDARD PRODUCT LINE

(C) Thermal Angel Rechargeable Battery
• Rechargeable Battery required to operate the Thermal Angel
• Includes LEDs to display the charge level
• Weight: 6.25 pounds (2.83 kg)
• 6.69 inches x 5 inches x 3.25 inches (17 cm x 12.7 cm x 8.26 cm)
• Reusable

(D) Thermal Angel Battery Charger
• Charger automatically shuts off when Battery is fully charged
• Charges from 120 volts
• Charges a fully depleted Battery in approximately 14 hours
• 2.5 inches x 4.25 inches x 2 inches (6.35 cm x 10.8 cm x 5.08 cm)
• Reusable

(E) Thermal Angel Battery Bag
• Black nylon carrying case for battery
• Carry over the shoulder or hang from IV stand
• Includes access holes for Charger, Power Cable and LEDs
• .38 lbs (.172 kg)

(F) Thermal Angel Power Cable
• Connects the Thermal Angel TA-200 to the Battery
• 10’ to allow maximum flexibility

ULTRA PRODUCT LINE

(G) Thermal Angel Ultra Battery 1
• Lightweight rechargeable battery for seamless operation of the Thermal Angel across all Echelons of care
• Weight: 1.25 Pounds
• 12V lithium-ion battery
• 79% reduction in weight and 69% reduction in cube size compared to the Thermal Angel Standard Battery
• Ability to charge from various assets (10-36 VDC)
• Real-time charge level and available power indicator
• Quick recharge time (< 1hr)
• 1000 full charge/recharge cycles
• Certified by: 60601-1 Safety and 60601-1-2 EMC, UL 26054, UN 38.3

(H) Thermal Angel Ultra Battery Charger
• Charges from 90-264 VAC
• Interchangeable International tips that cover; United States, Australia, EU Countries , UK

(I) Thermal Angel Ultra Vehicle Charger
• Charges the TA-UB1 from vehicle DC cigarette lighter port

(J) Thermal Angel Ultra Pig Tail Charger
• Charges the TA-UB1 from (+) and (-) battery terminal posts (10-36VDC)

(K) Thermal Angel Ultra Power Cable
• Connects the Thermal Angel TA-200 to the Battery
• 3’ to allow maximum flexibility

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