Portable Body Temperature Conditioner
Field Usable - Military / Ambulance / Rescue

APPLIANCE OVERVIEW
2 in 1 Heating & Cooling
• Three operating modes
• Pulsating TXV – Provides precise control of refrigerant flow modulation for optimal thermodynamic efficiency
• Variable Speed Electronics – Minimizes power consumption by adjusting compressor speed to the load demand
• Power – Powered by 24 VDC or 120 VAC
• Built in Battery Capacity - 60 to 120 minutes
• Portability – Fully portable briefcase geometry designed for shock and vibration
• Size: 25”L x 8”W x 23”H
• Weight: ~ 34 lbs

CYCLE FEATURES
Heating Cycle:
Target Capacity: 300 to 800 Watts (1,000 to 2,700 Btu/hr)
Ambient Operating Temperature: -40°C to 60°C (-40°F to 140°F)
Maximum Blanket Temperature: Control limited to 42°C (108°F)

Cooling Cycle:
Target Capacity: 200 to 500 Watts (600 to 1,700 Btu/hr)
Ambient Operating Temperature: -40°C to 60°C (-40°F to 140°F)
Minimum Blanket Temperature: Control limited to 4°C (39°F)

STATUS
Operational prototype available for demonstration

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