

BENEFITS:

- Mitigates cold stress
- Reduces risk of hypothermia
- Maintains core body temperature
- Increases mission duration
- Maintains cognitive skills
- Enhances operational effectiveness

MARKETS:

- Defense
- Public Safety
- Industrial

SPECIFICATIONS:

- **Size:** 3" x 4" x 1.8"
- **Weight:** 1.5 lbs
- **IP Rating:** IP-67
- **Low Temperature Operation:**
Antifreeze: -70°F
(50% / 50% Propylene Glycol Mix)
- **Thermostatic Set Points:**
95°F to 110°F
- **Coolant:** Anti-Freeze
- **Power Source:** BB-2590/U,
24-28 VDC Batteries
- **Endurance:**
LOW: 95°F / 7+ Hours
MED: 100°F / 5+ Hours
HIGH: 104°F / 3+ Hours
MAX: 110°F / 2+ Hours

Personal Heating System (PHS)

RINI Technologies' Personal Heating System (PHS) is a compact, active heat source that warms an individual when operating in cold weather conditions. The system pumps heated water from the Personal Heating Unit (PHU) to the Heating Vest to deliver up to 140W of heat to the user. Temperature is thermostatically controlled to set points adjusted by the user. Once the Heating Vest reaches the set point temperature the PHU automatically controls the vest to that temperature. The adjustable setting of the PHU allow the user to reduce clothing layers and regulate the amount of heat based on activity levels and changes in ambient temperature.



Heating Vest



PHU BB-2590



PHS with Plate Carrier

