

BENEFITS:

- Provides active heating to reducing thermal stress
- Enhances mission effectiveness
- Mobile heating solution
- Reduces risk of cold stress and hypothermia

APPLICATIONS:

- Cold Maritime Operations
- Naval Special Warfare
- Special Warfare Combatant-Craft Crewmen
- Coast Guard

SPECIFICATIONS:

- **Size:** 5.5" x 3.5" x 2"
- **Weight:** 2 lbs
- **Thermostatic Temperature Control:** 95°F to 105°F
- **Maximum Heat Rate:** 200W
- **Compatible** with Wetsuits & Drysuits
- **Power Source:** 14VDC BB-2590 (Li-ion) or BB-390 (Ni-MH)
- **Endurance:** 4 to 6 hours typical



Maritime Personal Heating System

RINI Technologies has developed the compact, lightweight and water-proof Maritime Personal Heating System (M-PHS) that provides active heating to the user to reduce risk of cold stress and hypothermia. Heat is provided to the user by pumping heated water through tubing contained in a vest worn next to the skin. The M-PHS provides up to 200W of heat via user selected thermostatic temperature control (95°F to 115°F) of the heated water supply. Quick-Disconnect Interfaces for Drysuit and Wetsuit configurations allow for rapid detachment.

Power is provided by a standard military radio battery. The M-PHS was designed to meet the Navy's certification procedures and meets or exceeds all IMCA requirements for Safe Use of Electricity Under Water.



Heating Unit



Heating Garment

