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COMBAT 'CROCK POT'

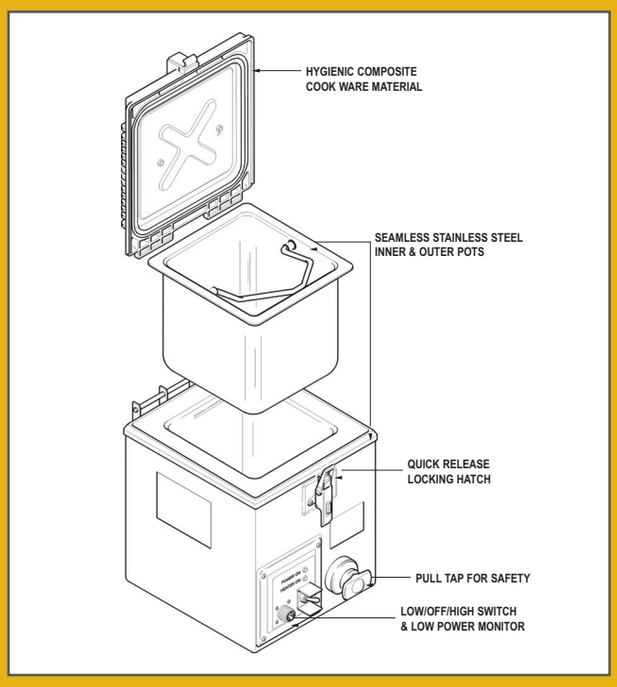
The RAK15 – Heater, Water & Ration

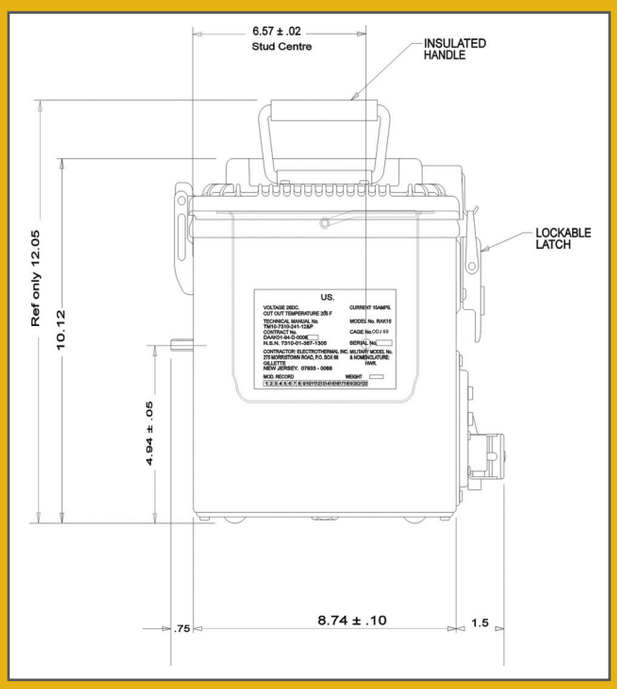
The RAK15 is the only unit available which has been designed in compliance with MIL-PRF-44466A

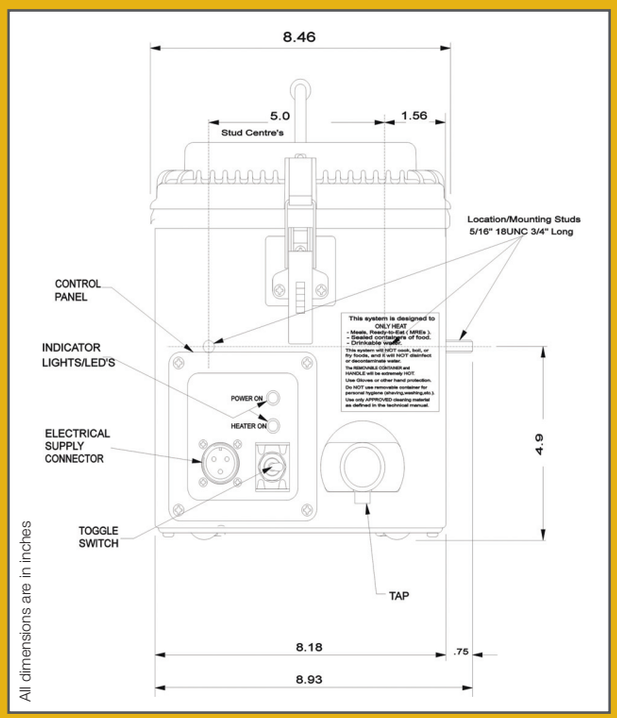
NSN 7310-01-387-1305

The HW&R (RAK15) is state-of-the-art, designed to meet the rigours of the modern day, rapid, mechanized forces, worldwide.

- **Heats while on the move**
- **Heats 1 US Gallon of water or heats 2 pints of water & 5 MRE's at the same time**
- **Remains hot for up to 4-6 hours**
- **Other product: RAK30 NSN 7310-99-362-3482 faster boil time.**







ELECTRICAL CHARACTERISTICS

- 24V DC (connects to the vehicle's auxiliary power supply).
- Typical power rating 15 amps.
- Latest temperature control techniques.

CONSTRUCTION

- Non-spill relief system.
- Insulated throughout to minimize heat loss.
- Robust portable/non corrosive stainless steel outer case.
- The HW&R weighs 17lbs.

ELECTRICAL CONNECTOR INFORMATION

■ Connector on the HW&R:	MS3102R-16-10P Pin A +28 Volts Pin B 0 Volts Pin C No connection
■ Mating Socket for Cable Assembly:	MS3106R-16-10S (straight) MS3108R-16-10S (90°)

For Sockets, MS3057 – 8A cable clamp bushing is required.

PERFORMANCE DATA

- Heating range (LO) 150 - 160°F (66 - 71°C).
- Heating range (HI) 180 - 190°F (82 - 88°C).
- 'Boil-Dry' condition detected, if internal temperature rises to greater than 205°F (96°C).
- Heating (water only) Temperature of one gallon of water will be raised by 100°F (56°C) in one hour (max) from an ambient temperature of 70°F (21°C) using (HI) switch setting.
- Heating (rations & water) Temperature of five MRE entrees and 2 pints of water will rise to between 150°F (66°C) and 160° (71°C) from an ambient temperature of 70°F (21°C) in approximately 20 minutes using (HI) switch setting. The water used to heat the MRE's remains pure and can then be used for making hot beverages.
- Heat retention is Better than 45% of selected heating range at three hours after HW&R is turned off, if the cover remains closed and latched.
- Automatic shutdown if Power supply voltage is less than 22V DC.
- Overvoltage Protection if Power supply voltage is greater than 39V DC.

For pricing, delivery or additional technical information, please contact:

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