



FIELD WATER HEATER (FWH) SYSTEM



The Hawkmoor Field Water Heater (FWH) system is a bespoke, simply operated self-powered modular system designed to heat water for field use, operating with diesel, kero or avtur fuels. It replaces the M67 Water Immersion Heater.

The unit is self-powered by means of a Thermo-Electric Generator (TEG) which allows fuels to burn effectively (i.e. smokeless) and efficiently – 85% efficient to bring water to boiling point. The systems insulation retains the temperature of the water for lengthy periods reducing water re-boil times.

Of rectangular design, the FWH system optimises both vehicle and stores space, therefore reducing the logistic footprint – key in today's streamlined Front Line Services.

It has an integral fuel tank of 5 litres allowing the system to operate on a single filling for approximately 6 hours, ambient dependant; the fuel tank may be hot refuelled.



The system is supported on four fully adjustable feet to compensate for differing gradients and has an in-built gauge to assist in the levelling process.

The internal structure of the boiling vessel is built from stainless steel. It has a water capacity of 60 litres. Being of stainless construction, the water may be used for sanitary use; for beverages, to reconstitute dry rations (when potable water is used) and to heat wet pouched meals with the basket provided.

Silent running and safe to use, the FWH system is the most advanced piece of CQMS staff ancillary field equipment designed for all environments that is easily maintained on site at 1st and 2nd Line.

User and Maintenance Manuals are provided with each system and all associated spares are codified.