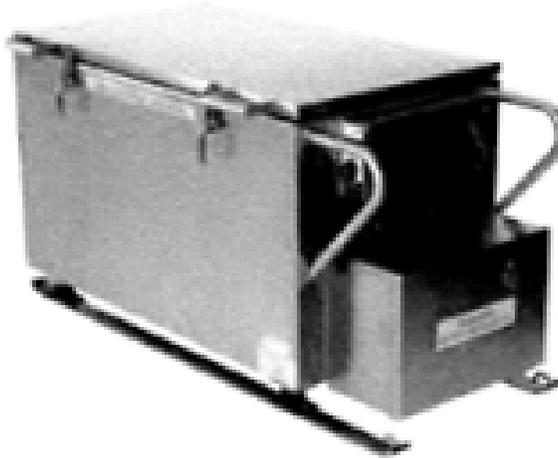


TM 10580-14/1

TAMCN: C6621

ITEM NAME: RATION HEATING SET

COLLOQUIAL NAME: TRAY RATION HEATING SYSTEM (TRHS)



LOGISTICS DATA:

NSN: 7310-01-295-7479	CAGE: 04AL0	Model: TRH-0100	IDN: 09211A
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Dimensions:	Operational:	Stowed (quadcon):
Length		58 in
Width		96 in
Height		82 in
Volume		265 ft ³
Weight	1000 lb (approx.)	3000 lb (approx.)

TECHNICAL DESCRIPTION:

Power	120 VAC, 60 Hz
Fuel	JP-8
Prime Mover	MTVR

FUNCTIONAL DESCRIPTION:

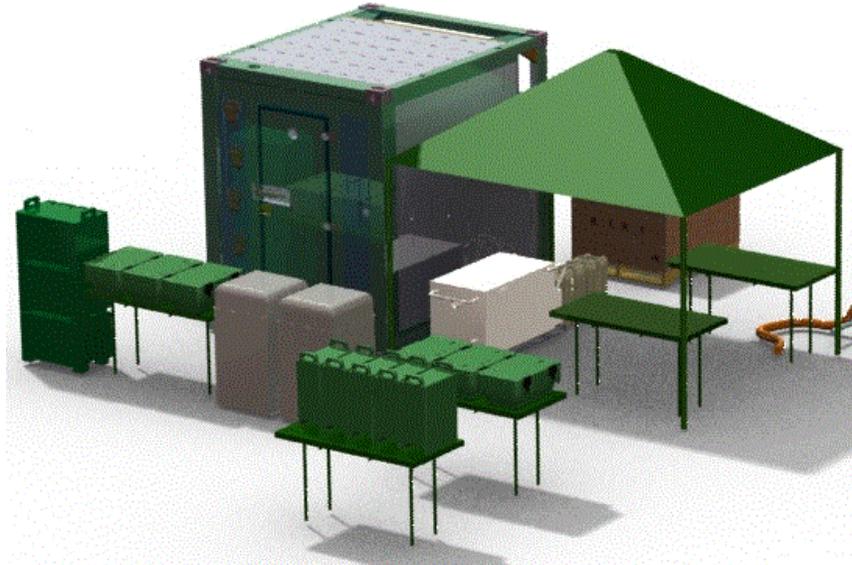
The TRHS is a self-contained heating system designed to provide the capability to rapidly prepare, deliver, and serve Unitized Group Ration, Heat & Serve (UGR, H&S) to company size units in a mobile configuration. The TRHS is vehicle portable and capable of being operated while in transport. In addition, the TRHS can provide two hot UGR, H&S meals to sustain 250 personnel daily. When not in use, the TRHS is stored in a Quadruple Container (QuadCon). The QuadCon is also used for transporting.

TM 10580-14/1

TAMCN: C0035

ITEM NAME: ENHANCED HEATING SYSTEM

COLLOQUIAL NAME: ENHANCED TRAY RATION HEATING SYSTEM (ETRHS)



LOGISTICS DATA:

NSN: 4520-01-564-3917	CAGE: 81337	Model: ETRHS 001	IDN: 11596A
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<u>Dimensions:</u>	Operational:	Stowed:
Length	Mission Dependent	6 ft, 5-1/2 in
Width	Mission Dependent	8 ft
Height	Mission Dependent	8 ft
Volume	Mission Dependent	416 ft ³
Weight	5,100 lbs	5,100 lbs

TECHNICAL DESCRIPTION:

Power	120/208 VAC, 60 Hz, 3 phase, 60 amps
Fuel	JP-8
Prime Mover	MTVR, LVSR

FUNCTIONAL DESCRIPTION:

ETRHS is a fully portable system with a capability to feed 250 hot tray ration meals in remote areas or 500 meals in a ration day.

TAMCN: C0034

ITEM NAME: KITCHEN MODULE

COLLOQUIAL NAME: EXPEDITIONARY FIELD KITCHEN (EFK)



LOGISTICS DATA:

NSN:	CAGE:	Model:	IDN:
7360-01-658-7330	01365	EFK002	11805B
7360-01-579-1956	01365	EFK001	11805A

<u>Dimensions:</u>	Operational:	Stowed:
Length	28 ft, 4 in	28 ft, 4 in
Width	35 ft	8 ft
Height	13 ft	13 ft
Volume	12,853.75 ft ³	2938 ft ³
Weight	23,960 lbs	23,960 lbs

TECHNICAL DESCRIPTION:

Power	120/208 VAC, 60 Hz, 3 phase, 60 amps
Fuel	JP-8, Diesel
Prime Mover	MTVR, LVSR, MCC-20 Trailer

FUNCTIONAL DESCRIPTION:

The EFK is a rapidly deployable, mobile feeding system, capable of preparing the full complement of Department of Defense rations. The EFK can feed 500-750 Marines per meal period in a garrison or deployed environment. The EFK is configured within a Mobile Expandable Container Configuration Shelter mounted on an MCC20 trailer. The appliances within the EFK operate in accordance with the Marine Corps common burner concept.