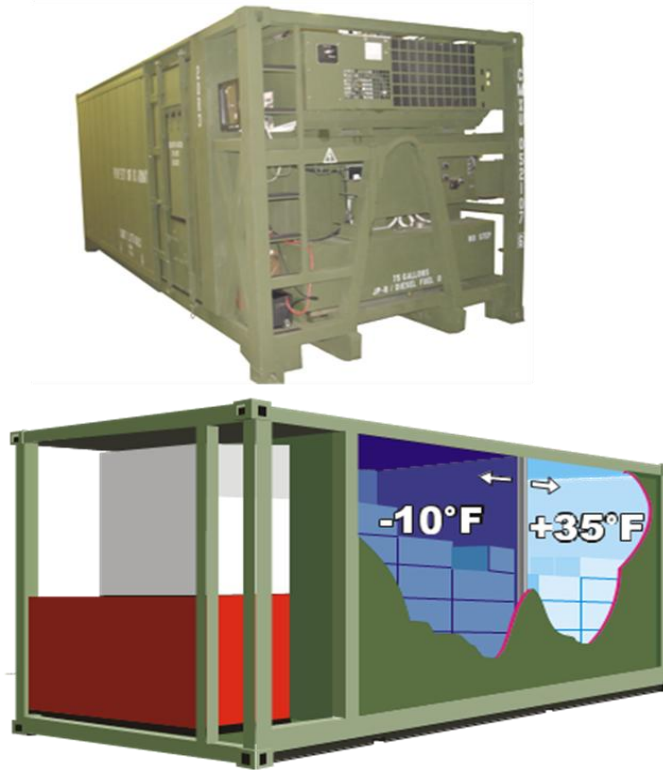


Multi-Temperature Refrigerated Container System  
NSN 8145-01-534-3597



a. MTRCS is a mobile, multi-temperature refrigeration system that will provide the capability for transportation and storage of frozen, chilled, or semi-perishable ration components simultaneously on a single platform.

b. MTRCS will replace the current single temperature 8'x8'x20' refrigerated container.

c. MTRCS is an 8'x8'x20' insulated container with side and end doors, a single engine-driven refrigeration unit with two separate evaporator units, and a removable partition allowing adjustment of compartment volume to fit the load.

d. Operational benefits include more efficient and flexible ration distribution than the existing 8'x8'x20' single temperature refrigerated container system, through reduced logistics footprint by performing the mission of two standard refrigerated containers.

e. MTRCS will directly interface with its HEMTT LHS prime mover and, when used in conjunction with a PLS trailer and CROP, will provide storage capacity to support up to 800 personnel for 3 days.

f. MTRCS will be employed by Subsistence Platoons (48 each) and at each primary field kitchen (Containerized Kitchen (CK) or Mobile Kitchen Trailer (MKT)) in Brigade Combat Teams (BCTs).