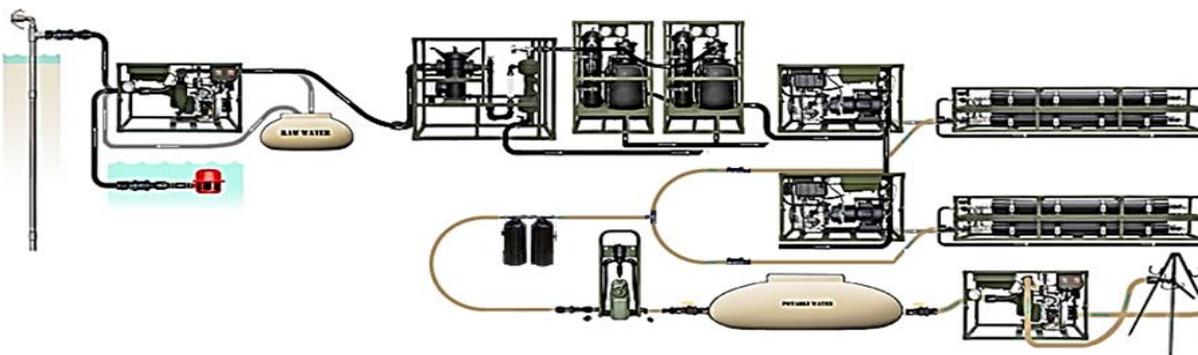


LIGHT WEIGHT WATER PURIFICATION SYSTEM (LWPS)

TAMCN: B00717B

I.D: 11720B

NSN: 4610-01-628-1081



Functional Description

The Lightweight Water Purification System (LWPS) is a lightweight, modular, highly transportable, self-contained water purification system capable of purifying up to 135 Gallons Per Hour (GPH) of salt water and 225 GPH of fresh water. The LWPS uses four functional elements, Raw Water, Pre-filtration, Reverse Osmosis and disperses Product Water. It also provides four extended capability modules.

Technical Description

Information

Manufacturer: Terra Group Corporation

Model: M-PRO

Fuel

Fuel Type: Diesel/JP-8/F-24

Fuel Capacity (Gal): 4 pumps at 3.5

Fuel Consumption (GPH): 4 pumps at .5

Dimensions

Enhanced Production Model (EPM)

Length (in): 78.0

Width (in): 48.0

Height (in): 37.0

Weight (lbs): 912.0

Square (ft²)/Cube (ft³): 26.0/80.2

Dimensions (cont'd)

Cold Weather Kit

Length (in): 48.0

Width (in): 40.0

Height (in): 40.0

Weight (lbs): 440.0

Square (ft²)/Cube (ft³): 13.3/44.4

QUADCON

Length (in): 96.0

Width (in): 58.0

Height (in): 82.0

Weight (lbs): 1,764.0

Square (ft²)/Cube (ft³): 38.7/264.2

QUADCON Case Weight

Case #1 Weight (lbs): 110.0

Case #2 Weight (lbs): 105.0

Case #3 Weight (lbs): 29.0

Case #4 Weight (lbs): 70.0

Case #5 Weight (lbs): 44.0

Associated TAMCN: B21307BB, Tank, Fabric, Collapsible, Water, 3000 Gallon, C44332EA, QUADCON.

Replaced TAMCNs: B26287B, Purification Unit, Water, Fresh, Medium.

Transportability: Treat as cargo

NOTE: Requires a forklift support. The cold weather kit requires a 3kW 110V single-phase power source.