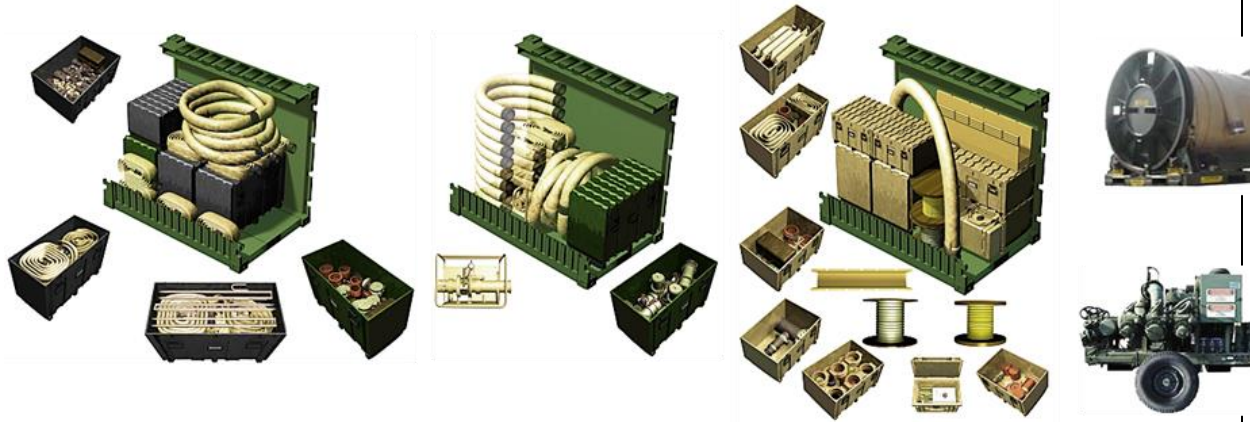


## EXPEDITIONARY WATER DISTRIBUTION SYSTEM (EWDS)

TAMCN: B01377B

I.D: 12519A

NSN: 4320-01-631-8775



### Functional Description

The Expeditionary Water Distribution System (EWDS) is a reconfiguration of the legacy Tactical Water Distribution System (TWDS) reducing the number of TAMCNs from 17 to four by eliminating the redundancy from the current TWDS configuration. The overall objective of the system redesign is to gain efficiencies and enhance capabilities that are scalable to the operational requirement. The EWDS includes one 2-Inch Connection Set, one 4-Inch Connection Set, one 6-Inch Connection Set and three Quadruple Containers (QUADCON). The EWDS also includes one B01387BA Hose Reel System-Water (HRS-W), one B11407BB Hypochlorination Unit and two B23947BA 600 GPM Pumps. Connection sets and the Hypochlorination Unit are stored in the three QUADCONS.

### Technical Description

#### Information

Manufacturer: MCLC  
 Model: EWDS-1

#### Dimensions

##### QUADCON #1, 2/4-Inch Connection Set

Length (in): 96.0  
 Width (in): 58.0  
 Height (in): 82.0  
 Weight (lbs): 3,740.0  
 Square (ft<sup>2</sup>)/Cube (ft<sup>3</sup>): 38.7/264.2  
 2-Inch Case #1 Weight (lbs): 120.0  
 2-Inch Case #2 Weight (lbs): 290.0  
 2-Inch Case #3 Weight (lbs): 280.0  
 4-Inch Case #1 Weight (lbs): 380.0

##### QUADCON #2, 4-Inch Connection Set

Length (in): 96.0

#### Dimensions (cont'd)

##### QUADCON #3, 6-Inch Connection Set

Length (in): 96.0  
 Width (in): 58.0  
 Height (in): 82.0  
 Weight (lbs): 3,730.0  
 Square (ft<sup>2</sup>)/Cube (ft<sup>3</sup>): 38.7/264.2  
 6-Inch Case #2 Weight (lbs): 310.0  
 6-Inch Case #3 Weight (lbs): 140.0  
 6-Inch Case #4 Weight (lbs): 40.0  
 6-Inch Case #5 Weight (lbs): 140.0  
 6-Inch Case #6 Weight (lbs): 140.0  
 6-Inch Case #7 Weight (lbs): 30.0

Width (in):	58.0
Height (in):	82.0
Weight (lbs):	440.0
Square (ft <sup>2</sup> )/Cube (ft <sup>3</sup> ):	38.7/264.2
Hypochlorination Unit Weight (lbs):	450.0
4-Inch Case #2 Weight (lbs):	350.0

## EXPEDITIONARY WATER DISTRIBUTION SYSTEM (EWDS) (Continued)

### **Technical Description (cont'd)**

**Associated TAMCNs:** B01387BA, Hose Reel System-Water (HRS-W); B11407BB, Hypochlorination Unit; B23947BA, Pump, Water 600 GPM; C44332EA, Container, Quadruple (QUADCON); B06767B, Water Point Supply System, Forward Area; B16207B, General Use Portable Water Pump Set; B26307B, Analyzer Set, Quality, Purification, Water; B26317B, Tank, Water, 50k Gallon with Chest; B26327B, Tank Assembly, Water, Fabric, Collapsible, 20K Gallons.

**Replaced TAMCNs:** B21317B, Tank Farm Interconnection Set, Dual Tank; B21327B, Tank Farm Interconnection Set, Bag Filler; B21337B, Tank Farm Interconnection Set, 4" Hose; B21347B, Tank Farm Interconnection Set, 2" Hose; B21357B, Tank Farm Interconnection Set, 4" Discharge Hose; B21367B, Tank Farm Interconnection Set, Hose Nozzle; B21377B, Tank Farm Interconnection Set, Accessory Kit; B21387B, Tank Farm Interconnection Set, 350 GPM Pump; B21397B, Tank Farm Interconnection Set, 125 GPM Pump; B23917B, Tactical Water Distribution System (TWDS), Pump Station; B23927B, TWDS, Storage Assembly; B23937B, TWDS, Distribution Point; B23957B, TWDS, 5 Mile Segment.

**Transportability:** Treat as cargo.