



Highland Engineering, Inc.

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Water Treatment and Troop Support Specialists

Expeditionary Joint Airlift Water System The “JAWS”

Part Number: 701-EAC-JAWS-D-SAL

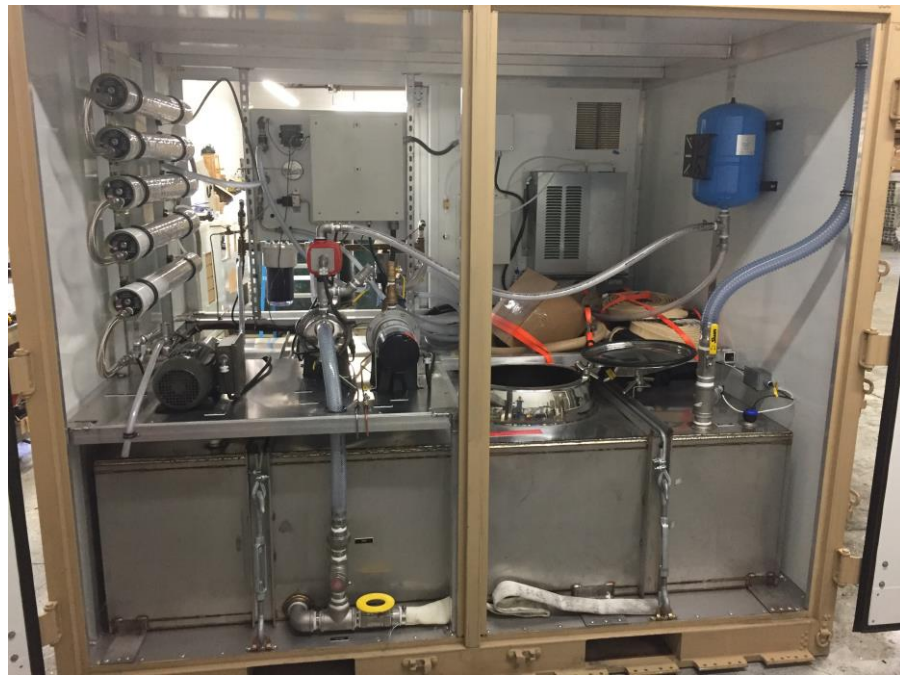


Highland Engineering, Inc. (HEI) is pleased to offer a single pallet position, turn-key water solution for new camps in austere environments. The Joint Airlift Water System (JAWS) addresses the needs for fresh water and enhances the mission of the Warfighter. The system provides for water in full accordance with Military Standards – and ensures the health and safety of deployed personnel.

The JAWS would allow a unit to deploy with *an initial supply of fresh, potable water*. The on-board water would be used to support immediate needs while the camp was constructed – without having to rely on or schedule water supply missions in the opening days. As the camp and mission matures the system transitions seamlessly to a water production unit. Fresh, potable water can be produced on-board from virtually any water source. The *safety of the camp is also greatly enhanced* as there is no longer the need for immediate water supply or support from host nations.

System Particulars:

- Transported and deployed within an *Airlift Certified* (built to existing ATTLA Certifications) EAC Container. No exterior penetrations.
- Initial Water Storage. Lower portion of the container houses an air transportable 750 gallon hard wall water storage tank which can be filled with fresh water prior to loading.
 - Storage Capacity – **750 Gallons**
 - Refillable externally or from on-board ROWPU system
- Integral Water Dispensing Pump
 - Dispenses under pressure from Internal tank or External Tank
 - Provides pressurized water source for a kitchen or other use – no need for additional pumps
- Canteen/Water bottle filling station WITH ***chilled water capability – 10 Gallons Per Hour***
- Single Point Power Connection
 - Common with other HEI EAC and EEAC systems
- On-Board Reverse Osmosis Water Purification Unit (ROWPU)
 - ***Meets TB MED and Military Standards***
 - ***Proven Technology***
 - NOT a commercial unit – a ***Military Unit***
 - Disinfection with whatever chlorine source available – initial deployment with simple bleach due to hazardous nature of granular chlorine – no supply chain issues
 - ROWPU will purify virtually any water source
 - Integral Self Priming supply pump
 - Produced water can be stored in internal or external tank – operator has many options
 - ***Production Rates***
 - Up to 275 gallons per hour on fresh water
 - Up to 200 gallons per hour on salt water
- Complete Support and Accessories Package
 - Water Testing Equipment
 - Complete set of water fittings and adapters
 - Connect to virtually any Military System
 - All necessary hoses
 - Draw from sources 35’ away
 - Supply water 200’



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