DARLEY WATER PURIFICATION SYSTEMS
WORLD’S MOST ADVANCED WATER TREATMENT TECHNOLOGY

WWW.DARLEY.COM
TRUSTED WORLDWIDE SINCE 1908
**MAN-PORTABLE WATER PURIFICATION**

High technology and low maintenance water treatment technology. Our versatile tri-powered (truck, solar and battery-powered) water treatment systems are designed around your needs. Our complete line of water treatment systems can be used by first responders, military personnel, preppers, municipalities, developing markets, and also recreational purposes. Darley Water Purification provides customized solutions that are scalable, based on specific project conditions and requirements. Custom solutions include water treatment systems for fresh, brackish and saltwater applications.

### VERSA SEA PAK

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>Energy efficient desalination system producing safe drinking water from any salt or freshwater source. With a 99.4% rejection rate of salt and impurities, the water can be used for drinking, cooking and cleaning.</th>
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</thead>
</table>
| POWER & PRODUCTION | • Truck or Generator-Powered: 12 or 24vdc, approximately 20 hours, 160 gpd  
• Solar-Powered: Optional 124 watt foldable solar module, approximately 6 hours sunlight, 100 gpd  
• Emergency-Powered: Internal 12vdc battery (20 AH), approximately 5 hours, 75 gpd, 12 watts per gallon / 108 watts per hour |
| WATER TREATMENT PROCESS | • Pump strainer  
• Sediment pre-filter (or specialty cartridge)  
• Reverse osmosis membrane |
| FEATURES | • Green to red pre-filter monitor  
• Color-coded quick disconnect hoses  
• Quite operation, 12 vdc pump at approximately 1 gpm, 10' suction lift  
• The membrane physically blocks out and removes 99.99% of pathogens from water supply |
| PACKAGING | • Pelican Case: Hard case complete system weighs 60 lbs., 75 lbs. with solar panels  
• Modular Configuration: Three components, 30 lbs. each |
| ACCESSORIES | • Hoses  
• Membrane cleaner  
• TDS monitor  
• Spare filters |

### VERSA FRESH PAK

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>Easy-to-use water treatment system that produces safe drinking water from any fresh water source.</th>
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</thead>
</table>
| POWER & PRODUCTION | • Truck or Generator-Powered: 12vdc, approximately 20 hours, 1000 gpd  
• Solar-Powered: Optional 62 watt foldable solar module, approximately 6 hours sunlight, 325 gpd  
• Emergency-Powered: Internal 12vdc battery (20 AH), approximately 4 hours, 200 gpd |
| WATER TREATMENT PROCESS | • Pump strainer  
• Sediment pre-filter (or specialty cartridge)  
• Ultra filtration membrane  
• GAC post filter |
| FEATURES | • Manual Backwash, Clean In Place (CIP) and Membrane Integrity Tester (MIT)  
• Quite operation, 12 vdc pump at approximately 1 gpm, 6’ suction lift  
• The membrane physically blocks out and removes 99.99% of pathogens from water supply |
| PACKAGING | • Pelican Case: Hard case complete system weighs 50 lbs.  
• Military Backpack: Soft case complete system, weighs 40 lbs. |
| PUMP | • 12 vdc pump at approximately 1 gpm production rate, 6’ suction lift |
| MAINTENANCE PROCEDURE | • Manual Backwash  
• Clean In Place (CIP)  
• Membrane Integrity Tester (MIT) |
| ACCESSORIES | • Standard: Hoses, CIP, MIT - 5 lbs.  
• Optional: Solar panels - 3 lbs. |
The Darley Sunspring® is a self-contained, certified, solar and wind-powered, microbiological water purification system that can treat up to 5,000 gallons a day of safe drinking water for up to 10 years. Once installed, the system requires no costly generators, gasoline or diesel fuels. It operates on 100% solar and wind energy. The Sunspring® is the only decentralized solar water plant in the world that is WQA (Water Quality Association) Gold Seal Certified to the US EPA Standard for microbiological water purifiers and validated in part of the GE Healthymagination program.

- **Flow Rate**: 4 gallons per minute/5,000 gpd
- **Total System Efficiency**: >95%
- **System Voltage (VDC)**: 24VDC

**POWER & PRODUCTION**

- Pump strainer
- Sediment pre filter (or specialty cartridge)
- Ultra filtration membrane
- GAC post filter

**WATER TREATMENT PROCESS**

- Membranes physically block out and remove 99.99% of pathogens from water supply
- Significantly reduces colloids, turbidity, and organics
- Effectively treats ground, surface or cistern water sources
- Requires less than 55 psi to operate
- Automated and efficient self-cleaning cycle flushes impurities

**FEATURES**

Emergency response after an earthquake in Haiti.
• 1 to 100,000 gallons per day water purification systems
• Full line of Ultra-Filtration (UF) and Reverse Osmosis (RO) water treatment systems
• Trailer, Truck and Fire Pump Module Integrated
• Packaged Water Plants
• Individual Water Purifiers (IWP)
• Certified technology
• Scalable and customized around your needs
• 90% of waterborne disease in the world is due to microbiological contamination. Darley membrane technology is specifically designed to remove particulate, turbidity, bacteria, virus and cysts making the water bacteriologically safe to drink.