

SPECTRA AQUIFER PORTABLE WATERMAKER - Lightweight and portable

PRODUCT CHARACTERISTICS

System Design:	Seawater reverse osmosis with energy recovery
Feed Water Recovery:	7% recovery for 1.50 systems, all others 10% recovery
Salt Rejection:	99.4%
Product Water Quality:	<250 ppm salinity
Feed Water Parameters:	Virtually any water source fresh, brackish, or seawater
Total Dissolved Solids:	Any up to 40,000 ppm
Pre-Filters:	One 5 micron pleated polyester
Pre-Filter Size:	2.5" x 10"
Connection types:	Quick connect
Feed Water Pump:	Spectra specification Shurflo 9000 series or submersible well pump
Controls:	Manual controls
Warranty:	2 years parts and service against manufacturing defects



FACTS

The Aquifer watermakers offer an easy-to-use, lightweight, and portable way to purify water from virtually any water source. The Aquifer systems are built into rugged, military grade molded plastic cases that are engineered to survive the outdoor environment. The watermakers in the Aquifer series can provide 6.3 to 15 gallons/hour of purified water from salty, brackish, or fresh water, and can run up to 12 hours per day.

The Aquifer series is ideal for emergencies, disaster relief, expeditions, military, recreation, and can be fully customized for your needs. These units are built using Spectra's revolutionary and proprietary Clark Pump, a high pressure intensifier that makes the watermaker so energy efficient that they are often powered by solar panels. Aquifers are available in 12 or 24V DC and the power pack units will also operate on 110V AC. Adding the folding solar panels will allow for complete off-grid operation. All Aquifers come with a product flow meter, pressure gauge and a hand-held salinity monitor.

FEATURES

- Simple analog controls and gauges, no electronics.
- Super efficient requiring as little as 110 watts to purify seawater, perfect for solar and wind power.
- Heavy duty, military grade, shock and impact resistant plastic roller case.
- All composite construction for superb corrosion resistance.
- Commercial grade diaphragm pumps with run-dry protection.
- Ships complete with everything you need to make pure water.
- Spectra's world renowned customer service and support, with real technicians available by Skype, phone and email.

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Included with Every System

- One complete turnkey system with manual controls
- All hoses and fittings within system factory installed
- Storage and service hoses
- Operations manual

Optional

- Storage and cleaning chemicals: part # KIT-CHEM-SC2 and KIT-CHEM-SC3
- Stainless steel filter wrench
- Filter monitor (pressure differential)

Aquifer Systems	Water Production				Voltages Available				Power System			Weight	
	Gallons/Day	Gallons /Hour	Liters / Day	Liters/ Hour	Watts	12V DC	24V DC	110-240V AC	Solar Charger	AC Charger	Battery	Weight lbs	Weight kgs
AF-150-DC	150	6.3	570	24	115	○	○					75	34
AF-200-DC	200	8.3	757	31	120	○	○					75	34
AF-360-DC	360	15	1350	56	240	○	○					96	44
AF-150-EX-24	150	6.3	570	24	115		○					75	34
AF-200-EX-24	200	8.3	757	31	120		○					75	34
AF-150-PP	150	6.3	570	24	115	○		○		○	○	122	56
AF-200-PP	200	8.3	757	31	120	○		○		○	○	122	56
AF-150-PPS	150	6.3	570	24	115	○	○	○	○	○	○	135	62
AF-200-PPS	200	8.3	757	31	120	○	○	○	○	○	○	135	62

Katadyn reserves the right to modify products

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