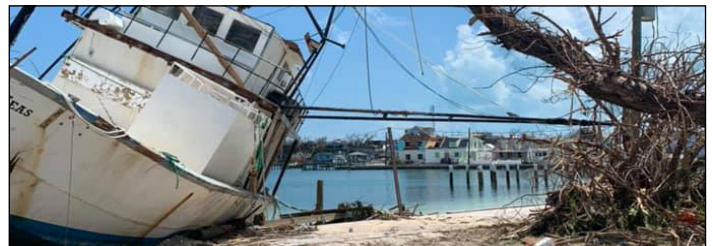


Aquifer 360 DC - Versatile, High-Output Watermaker



PRODUCT SPECS

| | |
|--------------------------|--|
| Article Number | AF-360-DC (12/24) |
| Salt Rejection | 99.5% |
| Technology | High energy-efficient Reverse-Osmosis (RO) |
| Production per Day | 136 lpd (360 gpd) |
| Production per Hour | 56 lph (15 gph) |
| Recovery Rate | 10% |
| Feed Water Source | Fresh, brackish, seawater |
| Voltage Options | 12 or 24v DC |
| Power | 220W |
| Watt per liter | 4.5 |
| Water Temperature Limits | Max 43°C (110°F) / Min 2°C (36°F) |
| Weight | 44 kg (96 lbs) |
| Case Dimensions | 79 cm x 52 cm x 40 cm (31" x 20.5" x 15.5") |

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.
- Composite construction for superb corrosion resistance.
- Commercial grade diaphragm pumps with run-dry protection.
- Ships complete with everything you need to make pure water.
- Fixed system recovery for easy operation and long service life.
- Spectra's world renowned customer service and support, with real technicians available by Skype, phone and email.

Aquifer 360 Expedition - Reliable, High-Output Watermaker



| | |
|---|-----------------------------------|
| 1 | Clark Pump Energy Recovery Device |
| 2 | Reverse Osmosis Membranes |
| 3 | Salinity Monitor |
| 4 | Prefilter Assembly |
| 5 | Optional AC Power Supply |
| 6 | Mil-Spec Plastic Case |
| 7 | Flow and Pressure Gauges |

SYSTEM SHIPPING LIST

| |
|--|
| System |
| AF-360-DC (12/24) |
| Included Components |
| Clark Pump pressure intensifier, 10% recovery rate |
| Spectra 1000 psi composite pressure vessel with seawater RO membrane |
| 2.5" X10" 5 micron pre-filter (1) |
| Analog gauges and controls |
| Mil-Spec plastic case |
| Product, Feed and Brine hoses |
| Installation Kit |
| Filter Wrench |
| Hand-held TDS/Salinity Meter |
| User Manual |
| Log Book |

Aquifer 360 Expedition - Reliable, High-Output Watermaker

SPARE PARTS AND CONSUMABLES

| Article Number | Product |
|-----------------------|------------------------------------|
| FT-FTC-5 | 5 micron cartridge filters |
| KIT-HP-S&O | Seal and O-ring kit for Clark Pump |
| EL-FP-DP | Diaphragm drive for feed pump |
| KIT-HP-10UD | Clark Pump rebuild kit |
| KIT-CHEM-SC2 | Spectra alkaline membrane cleaner |
| KIT-CHEM-SC3 | Spectra acid cleaner |
| KIT-CHEM-SC1 | Spectra membrane preservative |

OPTIONAL COMPONENTS

| Article Number | Product | Description |
|------------------------|--|---|
| KIT-AF-UIP24V | Universal voltage kit 100-240vac 50/60Hz | Adds AC power versatility to Aquifer units. |
| KIT-HHM | Hand-held conductivity tester with calibration solution | Extra handheld TDS meter. |
| EL-SLT-INLPMNT2 | Inline Salinity Monitor | For digitally testing total dissolved solids (TDS) of product water, which is any salt, metal, or mineral in the water. |
| KIT-AF-SPK | Aquifer Support Kit 6ea, 5 Micron filters, 2 ea, chemicals for storage, alkaline and acid cleaning | A full complement of supplies for an Aquifer unit in the field. Recommended for Aquifer deployment. |
| KIT-AF-UIPV24V3 | Universal voltage kit 100-240vac 50/60Hz | Adds AC power versatility to Aquifer units. |

List of all Portable Desalination and Purification Systems

AQUIFER SERIES

| Article Number | Product | Product Information | Output |
|-------------------------|---------------------------------|--|--------------|
| AF-200-DC-12 | Aquifer 200 AFD 12 Volt | Highly portable 12 volt water purification/desalination system. External power required. | 30l/h, 8gph |
| AF-200-DC-24 | Aquifer 200 AFD 24 Volt | Highly portable 24 volt water purification/desalination system. External power required. | 30l/h, 8gph |
| AF-200-EX-FL | Aquifer 200 EXP Flight Ready | External power required, compatible with optional Solar Power Pack (KIT-AF-FLRPS2P24). Flight Ready. | 30l/h, 8gph |
| AF-200-PPS | Aquifer 200 Power Pack Solar | Includes Solar Panel. A self-sufficient offgrid water purification/desalination solution that fits in a single case. | 30l/h, 8gph |
| AF-360-DC-12 | Aquifer 360 AFD 12 Volt | Highly portable 12 volt water purification/desalination system. External power required. | 55l/h, 15gph |
| AF-360-DC-24 | Aquifer 360 AFD 24 Volt | Highly portable 24 volt water purification/desalination system. External power required. | 55l/h, 15gph |
| AF-360-EX-FL | Aquifer 360 EXP Flight Ready | Portable with higher output. External power required, compatible with optional Solar Power Pack (KIT-AF-FLRPS3P24). Flight Ready. | 55l/h, 15gph |
| KIT-AF-FLRPS2P24 | 2 Panel Power Supply Case | Power supply case with options for 12/24v DC, 100-240c AC 50/60 Hz as well as included Solar Panels. Compatible with AF-200-EX-FL. | n/a |
| KIT-AF-FLRPS3P24 | 3 Panel Power Supply Case | Power supply case with options for 12/24v DC, 100-240c AC 50/60 Hz as well as included Solar Panels. Compatible with AF-360-EX-FL. | n/a |

*Using Seawater feed at 32,000 ppm and 25°C (77° F).

**25,000 ppm maximum salinity for these brackish water systems

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Spectra reserves the right to make changes to this fact sheet.