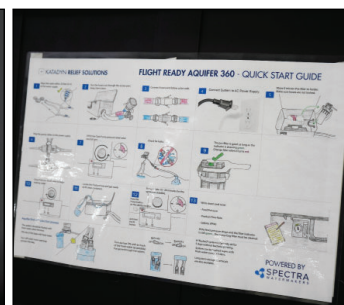


## Aquifer 360 Flight Ready Expedition - Reliable, High-Output Watermaker



### PRODUCT SPECS

Article Number	AF-360-EX-FL
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	24v DC <i>Optional <u>KIT-AF-FLRPS3P24</u> adds 12v/24v DC, Solar, &amp; 100-240v AC 50/60 Hz</i>
Power	220W
Watt per Liter	4.5
Water Temperature Limits	Max 43°C (110°F) / Min 2°C (36°F)
Weight	Case 1: 39.5kg (87 lbs) Case 2: 29.5kg (65 lbs)
Case Dimensions	2 cases - 79 cm x 52 cm x 40 cm (31" x 20.5" x 15.5")

### FEATURES

- Dual Shurflo submersible feed pumps for reliability, capable of pumping feed water 25' straight up, a 40% increase over the standard Aquifer feed pump
- Simple analog controls and gauges, no electronics
- Super efficient, requiring as little as 220 watts to purify seawater
- Fixed freshwater recovery ratio for easy operation, optimized for long RO membrane life
- Perfectly pairs with wind, solar or battery power due to high energy efficiency and 24V DC power usage
- Heavy duty, military grade, shock and impact resistant plastic roller cases
- Composite construction for superb corrosion resistance
- Membranes are protected from overpressure and scaling by design and can last 8-10 years or more with proper maintenance
- Spectra's renowned customer service and support with technicians available by phone, WhatsApp, and e-mail in North America

## Aquifer 360 Flight Ready 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
8	Submersible Feed Pumps (2)
9	Water Bags (2)

### SYSTEM SHIPPING LIST

System
AF-360-EX-FL
Included Components
Clark Pump pressure intensifier, 10% recovery rate
Spectra1000 psi composite pressure vessel with seawater RO membrane
Dual Submersible Shurflo Feed Pumps
2.5" X10" 5 micron pre-filter (1)
Analog gauges and controls
2 Mil-Spec plastic cases
Product, Feed and Brine hoses
Installation Kit
Filter Wrench
Hand-held TDS/Salinity Meter
User Manual



\*Room in pump case for 24 filters

## Aquifer 360 Flight Ready Expedition - Reliable, High-Output Watermaker

### SPARE PARTS AND CONSUMABLES

Article Number	Product
<b>FT-FTC-5</b>	5 micron cartridge filters
<b>KIT-HP-S&amp;O</b>	Seal and O-ring kit for Clark Pump
<b>KIT-HP-10UD</b>	Clark Pump Rebuild Kit 10%
<b>SO-FHS-10H</b>	Prefilter housing O-Ring
<b>EL-FP-DP</b>	Diaphragm drive for feed pump head
<b>EL-FP-24VSM DP</b>	Replacement submersible diaphragm well pump/motor
<b>KIT-CHEM-SC2</b>	Spectra alkaline membrane cleaner
<b>KIT-CHEM-SC3</b>	Spectra acid cleaner
<b>KIT-CHEM-SC1</b>	Spectra membrane preservative

### OPTIONAL COMPONENTS

Article Number	Product	Description
<b>KIT-AF-ACPS320W</b>	100-240 VAC Power Supply - Compatible with 24v Aquifers	Adds AC power versatility to Aquifer units.
<b>KIT-AF-FLRPS3P24</b>	3 Panel Solar Power Supply Case	Power supply case with options for 12/24v DC, 100-240 AC 50/60 Hz, and 3 included Solar Panels. Compatible with AF-200-EX-FL.
<b>KIT-HHM</b>	Hand-held conductivity tester with calibration solution	Extra handheld TDS meter.
<b>EL-SLT-INLPMNT2</b>	Inline Salinity Monitor	For digitally testing total dissolved solids (TDS) of product water, which is any salt, metal, or mineral in the water.
<b>KIT-AF-SPK</b>	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.

## List of all Portable & Stationary Desalination Systems

### AQUIFER SERIES

Article Number	Product	Product Information	Output
<b>AF-200-DC-12</b> <b>AF-200-DC-24</b>	Aquifer 200	Highly portable water purification/desalination system. In-case suction pump. External power required.	30l/h, 8gph
<b>AF-360-DC-12</b> <b>AF-360-DC-24</b>	Aquifer 360	Highly portable water purification/desalination system with. Dual in-case suction pumps for higher output. External power required.	55l/h, 15gph
<b>AF-200-EX-FL</b>	Aquifer 200 EXP Flight Ready	Flight ready & enhanced priming capability using submersible pumps. External power required, compatible with optional Solar Power Pack (KIT-AF-FLRPS3P24).	30l/h, 8gph
<b>AF-200-PPS</b>	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
<b>AF-360-EX-FL</b>	Aquifer 360 EXP Flight Ready	Flight ready & enhanced priming capability using submersible pumps, with higher output. External power required, compatible with optional Solar Power Pack (KIT-AF-FLRPS3P24).	55l/h, 15gph
<b>AF-4000</b>	Aquifer 4000	Revolutionary ultra-high output portable system. 3.5kW generator or external power required.	628l/h, 166gph
<b>KIT-AF-FLRPS3P24</b>	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-200-EX-FL & AF-360-EX-FL.	n/a

### LANDBASED SERIES

Article Number	Product Information	Watts Used*	Output
<b>LB-400</b>	Compact, modular purification/desalination	300	64l/h, 17gph
<b>LB-1800M-220</b>	Framed watermaker with manual controls	800	285l/h, 75gph
<b>LB-1800C-220</b>	Framed watermaker with automated Spectra Connect controller	800	285l/h, 75gph
<b>LB-2800F-220M</b>	Framed watermaker with manual controls	1200	435l/h, 115gph
<b>LB-2800C-220</b>	Framed watermaker with automated Spectra Connect controller	1200	435l/h, 115gph
<b>LB-4000-220</b>	Brackish Water system, framed with manual controls	1200**	680l/h, 180gph
<b>LB-4000C-220</b>	Brackish Water system, framed with automated Spectra Connect controller	1200**	680l/h, 180gph
<b>LB-10000F-230S</b>	Framed watermaker with automated Spectra Connect controller	3800	1,575l/h, 420gph
<b>LB-14000F-230</b>	Brackish water system, framed with automated Spectra Connect controller	5300**	2,208l/h, 583gph

\*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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