



Model A516S Shown

KEY FEATURES:

- Staged starting of motors
- Timed start-up (Prime, Init, Run)
- TDS monitoring of product water
- Automatically diverts water to the product tank below 500 PPM
- Programmable automatic Fresh Water Flush; or, convenient one-touch button for manual operation
- Overpressure protection (HP fault)
- Loss of Prime/Fouled Filter detection (LP fault)
- Available in Framed and Modular configurations

A FULL-FEATURED AND AFFORDABLE SOLUTION.

The Aquamiser+ Series offers programmable settings and remote display capability through an advanced control system. This full-featured affordable solution is ideal for meeting your water production needs. With outputs of 250–1,800 GPD this series will provide the safety and controls needed to operate both dependably and efficiently. The Aquamiser+ is available in framed, and modular configurations to be utilized in tight spaces and bulkheads. However, despite its small size, the expansive controls include a fully automatic Fresh Water Flush System for unattended maintenance. Scheduled flushes, once a week or more frequently, will help maintain and keep your watermaker fresh and ready for your next voyage.

For nearly three decades, FCI Watermakers has been pioneering technologies and manufacturing the most reliable, trouble-free watermaking systems for the offshore and boating industries. Each unit is manufactured and live-tested in our facility. Your system comes with peace of mind, and a readily available customer service and technical support team. Our worldwide service network ensures proper maintenance, and unrivaled satisfaction.

FEATURES WITH REMOTE DISPLAY:

- Remote system control up to 150' away
- Readout of product TDS
- Automatic tank level controls
- Programmable times/set points and display settings


REMOTE DISPLAY

Allows you to monitor critical conditions of operation and execute fresh water flushes.

OPTIONAL EQUIPMENT/ACCESSORIES:

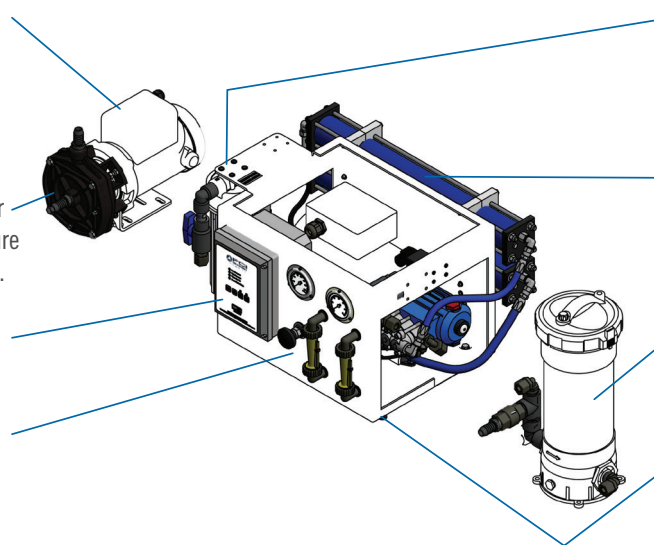
- Dockside Treatment System (DTS)
- Filter Replacement Kit
- Pocket PPM Meter
- Ultra-Violet Sterilizer


COMMERCIAL PRE-FILTER

Standard feature on 1,200 and 1,800 GPD units; and, a no-cost upgrade for lower output systems when chosen at the time of order.

AQUAMISER+ FRAMED SYSTEM FEATURES:

- MOTORS: TEFC Continuous-duty washdown rated motors with 316SS shaft, and sealed maintenance-free bearings for long life applications.
- LP FEED PUMP: Closed impeller design offers 50% more pressure efficiency over standard pumps.
- ELECTRICAL: NEMA 4X rated enclosure.
- PRESSURE GAUGES & FLOW METERS: Visual indicators aid troubleshooting.



- FRESH WATER FLUSH: Standard on all units with the ability to do weekly flushes.
- MEMBRANES: High Rejection non-proprietary membranes used to obtain the highest water quality of product water.
- PRE-FILTER: 40 sq. ft. of pleated filter with PVC core in addition to pressure alarming.
- SHOCKMOUNTS: Installed on frame and motor to reduce noise and vibration.

DESIGN PARAMETERS

Design Permeate Salinity: < 500ppm
 Salt Rejection (Chloride): 99.7%
 Control Voltage: Line Voltage
 Operation Pressure: 825 PSI/56 Kg/cm²

POWER SUPPLY OPTIONS

VAC/Phase/Hz: 110-120/1/50-60 Amperes: 20-22
 208-240/1/50-60 10-11
 50 Hz operation will affect system performance. Contact factory for other voltages.

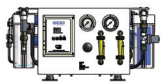
UTILITIES

Inlet: 3/4" FNPT
 Brine: 1/2" Tube
 Product: 3/8" Tube
 FWF: 1/2" Tube

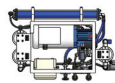
MODEL	GPD/LPD	GPH/LPH	HP	KW	RECOVERY RATE %	WEIGHT LB/KG
A216S	250/946	10/39	1.5	1.50	6.9	190 / 86
A516S	500/1892	21/79	1.5	1.50	13.9	200 / 91
A616S	600/2270	25/95	1.5	1.50	16.7	200 / 91
A816S	800/3027	33/126	1.5	1.50	22.2	220 / 100
A1216S	1200/4541	50/189	2.5	2.24	19.8	225 / 102
A1816S	1800/6811	75/284	2.5	2.24	29.8	235 / 107

NOTE: Ratings based on 77°F/25°C, 35,000 TDS; <3 SDI; 7.5 pH; Free Chlorine max 0.1 mg/l.

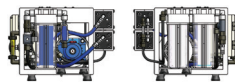
DIMENSIONS



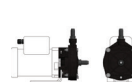
FRAME WIDTH
 FRAME ONLY 19.00 in.
 WITH FILTERS 31.30 in.
 250-500 GPD UNITS
 WITH FILTERS 47.50 in.
 600-1,800 GPD UNITS



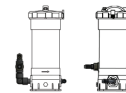
FRAME DEPTH
 FRAME ONLY 16.85 in.
 WITH MEMBRANES 21.40 in.



FRAME HEIGHT
 H 14.75 in.



LP PUMP
 W 6.9 in.
 D 13.5 in.
 H 9.1 in.



PRE-FILTER
 W 11.1 in.
 D 9.6 in.
 H 19.0 in.

DTS+ COMPATIBLE



The FCI Dockside Treatment System (DTS) is a FCI Watermakers innovation specifically designed to treat dock water while utilizing your existing watermaker pump and control system. Create purified drinking water, and enjoy spot-free wash-downs from your dockside source at minimal cost. The DTS+ is installed in-line, and because no additional pumps or secondary system are necessary, installation is a breeze. The FCI DTS+ encompasses the quality and reliability you have come to know with FCI Watermakers.