

# AQUA MATIC

**Be Innovative, Be Adventurous**  
The revolutionary Aqua Matic is engineered to be easier to use and more reliable than conventional watermakers. Featuring the latest technology, the Aqua Matic is able to regulate and monitor system functions without the need of an operator. With one touch, the Aqua Matic will start and finish water production automatically, allowing boaters more time to relax and enjoy their cruise.



Modular Configuration



## Aqua Matic Key Features

- NMEA 2000 compliant
- One touch operation
- Full color touch screen
- Oil free pump



Category | Mid to Large Yachts (40 - 80 ft / 12 - 68 m)

### Automated functions

Standard watermakers require pressure adjustments for water conditions and to produce fresh water - a process that can be very time consuming. Sea Recovery solves this problem by incorporating an automatic pressure regulating system into the Aqua Matic, allowing the watermaker to balance pressure levels automatically. This feature is designed to maximize a boater's comfort and convenience, allowing more time to be invested in leisure activities.

< Push start and the Aqua Matic does the rest



### Longer lifespan with minimal maintenance

The Aqua Matic's features allow boaters to extend its service life. The automatic Fresh Water Flush and LCD monitoring system allows you to optimize pre-filter and membrane performance. This system will flush every 7 days, whether the watermaker is producing water or on standby. Also equipped with the Aqua Matic is an water lubricated pump. Its 8,000 hour maintenance schedule is viewable through the LCD display or optional remote, eliminating frequent check ups and oil changes.

< System Status Information



Courtesy of Viking Yachts

### The best technology that accommodates your needs

Equipped with every Aqua Matic is an exclusive color LCD touch screen that simplifies system monitoring and operation with easy to view displays. Functions and controls are available anywhere throughout the NMEA 2000 network, and are quickly configured with a single touch of the menu. The screen also reminds you of any maintenance needs, if performance or water quality falls below a determined level. With a Full-Color/Alert System, boaters will be quickly advised to tend to any maintenance issue, to ensure that your system continues to run optimally.

# AQUA WHISPER DX

## Be completely in control

The Aqua Whisper DX grants boaters the freedom to monitor and regulate system capabilities. Made for the hands-on boater, the Aqua Whisper DX allows you to customize features and pressure settings with an advanced touch screen display. It's ruggedness and reliability allows boaters to confidently command their watermaker in all parts of the world.



Modular Configuration



(Shown with upgrade option)

## Aqua Whisper DX Key Features

- NMEA 2000 compliant
- User adjusted operation
- Digital menu
- Quiet performance



Category | Mid to Large Yachts (40 - 80 ft / 12 - 68 m)

### Maximize system settings

You have the power to optimize your system settings according to any water condition you encounter by manually configuring your settings. Pressure and temperature is balanced using a pressure regulating knob (shown left), allowing boaters to operate the Aqua Whisper DX in any ocean condition. Operations are easily optimized in seconds simply by turning the knob to your preferred setting.



Pressure Status



Manual Drive

### Manage critical functions from any location

The LCD touch screen acts as your watermaker's first mate, and will assist your efforts to maintain, guide, and configure the Aqua Whisper DX anyway you wish. Vital system functions and gauges are reported through the display and remote, and can be accessed at any time. The Aqua Whisper DX gives operators maximum control with the ability to do more than ever before.

### Customize your high pressure pump

Aqua Whisper DX owners have the option to customize their settings as well as their major features. The Aqua Whisper DX comes with a plunger noise reduction pump. You can upgrade your pump to the radial axial, water lubricated pump that is offered as an option. The chart to your left compares the differences between the two pumps.

	Plunger Pump	Radial-Axial Pump
Noise Level		
Pump lubrication	oil	water
Oil Changes	500 hours	none
Typical Maintenance Schedule	2,000 hours	8,000 hours

## Specifications - Aqua Matic/Aqua Whisper

\* For general system specifications, refer to page 22

Model #	Production/yr.	Production/24hrs.	Aqua Matic compact*	Aqua Matic modular*	Aqua Whisper compact*	Aqua Whisper modular*
450-1	19 Gal / 71 L	450 Gal / 1,703 L	153 lbs / 69 kg	149 lbs / 68 kg	157 lbs / 71 kg	153 lbs / 69 kg
700-1	29 Gal / 110 L	700 Gal / 2,650 L	156 lbs / 71 kg	152 lbs / 69 kg	160 lbs / 73 kg	156 lbs / 71 kg
900-1	38 Gal / 142 L	900 Gal / 3,407 L	158 lbs / 72 kg	154 lbs / 70 kg	162 lbs / 73 kg	158 lbs / 72 kg
900-2	38 Gal / 142 L	900 Gal / 3,407 L	165 lbs / 75 kg	161 lbs / 73 kg	169 lbs / 77 kg	165 lbs / 75 kg
1400-2	58 Gal / 221 L	1,400 Gal / 5,300 L	171 lbs / 76 kg	167 lbs / 76 kg	175 lbs / 79 kg	171 lbs / 76 kg
1800-2	75 Gal / 284 L	1,800 Gal / 6,814 L	176 lbs / 80 kg	172 lbs / 78 kg	180 lbs / 82 kg	175 lbs / 79 kg

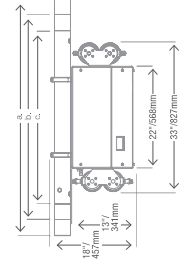
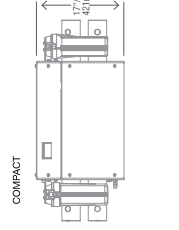
\* Weights based on single phase motor. For these phase motors subtract 9 lbs.

ELECTRICAL	Phase	Pump Motor	Voltage VAC	Hz	Normal Operating Amps		Start Up Current
					110 / 220	220 / 230	
Plunger Pump Radial Axial Pump	Single	High Pressure / Booster	110-115 / 220-230	50 / 60	30 / 15	90 / 45	110 / 220
	Single	High Pressure / Booster	110-115 / 220-230	50 / 60	35 / 17.5	95 / 48	110 / 220
Plunger Pump Radial Axial Pump	Three	High Pressure / Booster	220-230 / 380-460	50 / 60	11 / 5.5	30 / 15	220 / 380 - 460
	Three	High Pressure / Booster	220-230 / 380-460	50 / 60	11 / 5.5	30 / 15	220 / 380 - 460

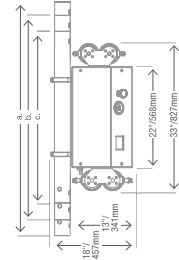
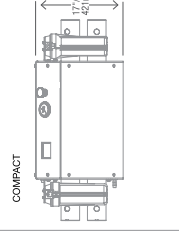
Circuit Breaker Size	Operating A.C. Voltage	Phase	Recommended circuit breaker	
			Single	Three
Plunger Pump	110-115 / 220-230	Single	40 Ampere / 20 Ampere	10 Ampere / 10 Ampere
Radial Axial Pump	110-115 / 220-230	Single	45 Ampere / 25 Ampere	10 Ampere / 10 Ampere
Plunger Pump	220 / 380 / 460	Three	15 Ampere / 10 Ampere	10 Ampere / 10 Ampere
Radial Axial Pump	220 / 380 / 460	Three	15 Ampere / 10 Ampere	10 Ampere / 10 Ampere

## Dimensions

### AQUA MATIC

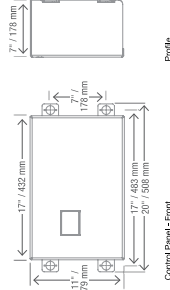


### AQUA WHISPER DX

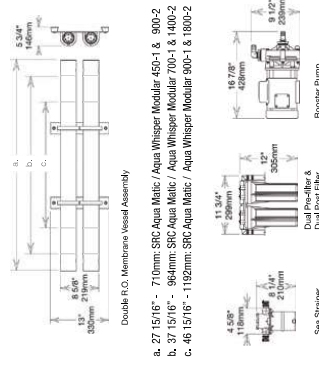


a. 27 15/16" (710mm) Aqua Matic / Aqua Whisper Compact 450-1 & 900-2 b. 37 15/16" (964mm) Aqua Matic / Aqua Whisper Compact 700-1 & 1400-2  
c. 46 15/16" (1192mm) Aqua Matic / Aqua Whisper Compact 900-1 & 1800-2

### AQUA MATIC MODULAR

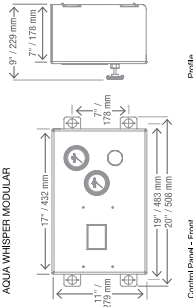


### AQUA MATIC / AQUA WHISPER VESSELS AND OPTIONS



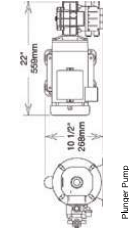
a. 27 15/16" - 710mm SRC Aqua Matic / Aqua Whisper Modular 450-1 & 900-2  
b. 37 15/16" - 964mm SRC Aqua Matic / Aqua Whisper Modular 700-1 & 1400-2  
c. 46 15/16" - 1192mm SRC Aqua Matic / Aqua Whisper Modular 900-1 & 1800-2

### AQUA WHISPER MODULAR



Control Panel - Front

Profile



Plunger Pump

Booster Pump

Dual Plunger & Dual Foot Filter

Sea Strainer

Radial Axial Pump