









Freedom at Your Fingertips Water Purification Product Catalog





This is Parker addressing the needs of humanity by providing clean water.

For decades, Village Marine (VMT) has developed advanced water desalination and purification systems for some of the most challenging environments – the middle of the ocean, 800 feet below the sea, offshore oilrigs, deserts, and disaster areas. For over 30 years Sea Recovery (SRC) & Horizon Reverse Osmosis (HRO) have manufactured ingenious and intuitive watermakers. In 2012, Parker combined the 3 companies and Parker Water Purification (WP) was established.

The superior quality components that go into Parker WP systems ensure that each one is built to the highest standards of safety, maintainability, and reliability. High grades of raw materials are precisely machined & thoroughly tested to exact customer requirements and industry specifications.

Parker WP provides state-of-the-art and reliable reverse osmosis (RO) purification systems for seawater, brackish water, and tap water; from energy-saving 145 GPD watermakers to high-performance 250,000 GPD systems has established Parker WP as a leader in the watermaking brand among marine consumers and boatbuilders around the world. The U.S. Navy, the U.S. Coast Guard, the U.S. Army, NASA, FEMA, seaside properties such as Catalina Island, and disaster relief project such as Hurricane Katrina and Hurricane Dorian, have relied on Parker WP for high-profile projects.

This is Parker addressing the needs of humanity by providing clean water.

Parker Water Purification is Certified by the Following Associations:

ABS Type Approved ISO 9001:2015 by ABS.

Safety, service, and solutions are the goals that define the American Bureau of Shipping. Parker Water Purification is the first and only watermaker manufacturer to gain full product line type acceptance.

National Marine Manufacturers Association and Southern California Marine Association

Parker Water Purification is an active member in the above associations in good standing. CE Approval

The Conformité Européne (CE) mark indicates that our products comply with the legal standards of the EU directives.





Parker Water Purification The Trusted Source for Fresh Water

Parker Water Purification has manufactured the most innovative and intuitive watermakers for the past 30 years. By incorporating a customer-first philosophy into our designs, the quality of our products is never compromised. We believe that boaters deserve more from their watermakers. Dealing with confusing controls and maintenance should not be a concern. Our company strives to communicate to the heart of the leisure boater, by engineering systems that marries style with functionality, a formula that has made Parker Water Purification the #1 watermaking brand among marine consumers and boat builders around the world.

Service and Support

Worldwide Dealer Network

With hundreds of certified dealers throughout the world, Parker Water Purification customers can cruise confidently to any destination and expect a friendly Parker Water Purification expert ready to service or upgrade their system.

Parker Water Purification Warranty Coverage*

We stand behind our innovative products by providing our customers a full year warranty that includes full coverage for parts and labor at no extra cost to you.

Quality is our Priority

Safety and quality standards are priority and our goal is to surpass them. Our products utilize quality parts and are built to withstand any condition.

*Refer to your owner's manual for warranty details.

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Enjoy the Benefits of a Parker Water Purification Watermaker...

Less weight, lower fuel costs, higher speeds

Cruising with a full water tank, or an extra 1,700 pounds will result in wasted fuel, slower speeds, and shorter trips. A Parker Water Purification watermaker allows you to cruise faster and farther and create fresh water... on location. Our systems save boaters time and money, while maximizing yacht performance.

Cruise without limits or boundaries

With a Parker Water Purification watermaker, you don't need to plan your boating activities around marina stops. Cruise direct to your destination or cruise to limitless distances without the need to stock up on fresh water.

Fresh water wash downs

Wash downs with Parker Water Purification water are highly effective in preserving your yacht's exterior, which can contribute to an increase to the value of your yacht. Parker Water Purification water acts as a sponge, absorbing and washing out all unwanted sea salt and minerals, and dries clean - without any water spots.

Convenient for every boating activity

Whether you use it to drink, shower or to wash down your yacht, owning a Parker Water Purification watermaker provides unlimited possibilities that saves money and increases leisure time. How can any boater afford not to own a Parker Water Purification watermaker?

Did You Know?



You can increase the value of your boat up to 10% by washing down your boat with Parker Water Purification product water.



Parker Water Purification water has superior taste than your regular tap. Even coffee made with Parker Water Purification water tastes better.



You can create clear ice cubes with Parker Water Purification water. Store any food, including fish of the day with Parker Water Purification water ice for better preservation.

State of the Art Color Touch Screen

User-friendly touchscreen

Our full color LCD touch screens are designed to be simple and easy to use. Featuring an intuitive Human Machine Interface navigation menu, system start-up and controls are able to be activated with a single touch.

Customized display settings

Equipped with a multiple language interface, you can choose to display your screen in English, French, Italian, and Spanish. You also have the choice to set measurement units to either metric or US standard readings.

Quality Tested for Smooth Functionality

Engineered for less noise pollution

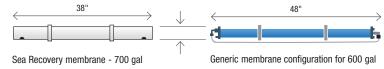
Parker Water Purification watermakers feature state of the art frames that optimize space, minimize sound, and reduce maintenance time. Sound has been noticeably reduced by 3db for the Aqua Matic and Aqua Whisper DX systems.

Vibration tested

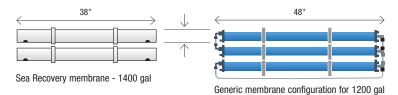
Our systems are manufactured and tested to withstand up to 20 G's of continuous force for over an hour of operation, ensuring reliable performance in all conditions.

More Water, Less Clutter

Parker Water
Purification watermakers create more
water per square
inch than any other
system in the world.
By utilizing high
efficiency membranes, there is 17%
more filtering surface area than
conventional membranes. This
reduces the amount of membranes
and installation space required by
competing brands.



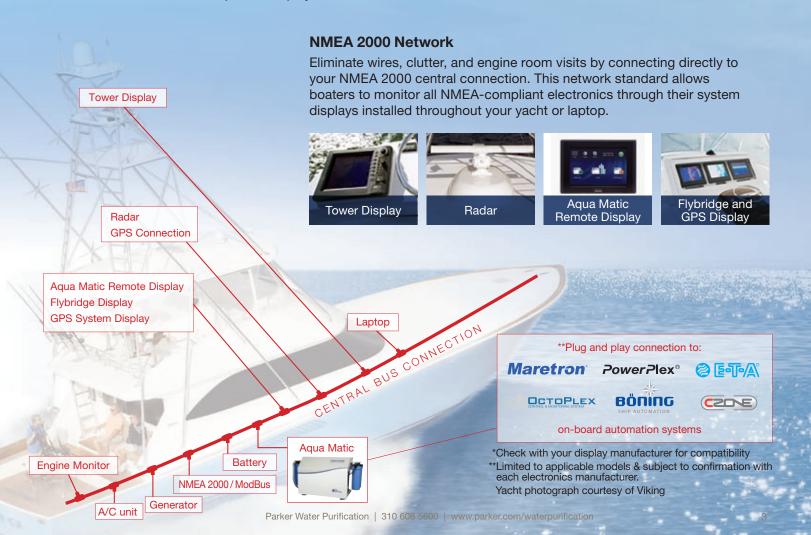
Ex. 1: Parker Water Purification's 700 gallon capacity membranes are smaller in length, about the same in diameter, yet have a larger filtering surface than the generic 600 gallon membrane.



Ex 2: Parker Water Purification's 1400 gallon membrane configuration uses less membranes than the generic 1200 gallon membrane configuration, giving you more filtering surface while reducing replacement and maintenance costs.

Modus/NMEA 2000 - No More Engine Room Visits

Parker Water Purification's new line of watermakers are Mobus and NMEA 2000 compliant, giving boaters the power to monitor and communicate with their systems through any Mobus and NMEA 2000 compatible display.*





- Easy access to main components.
- Low AC power consumption.
- · Maximum system weight is 130 lbs.

Model	Production / Hr.	Production / 24 Hrs.	Weight - Compact	Weight - Modular
AQW MINI 170	7 gal / 27 L	170 gal / 644 L	70 lbs / 32 kg	70 lbs / 32 kg
AQW MINI 350	15 gal / 55 L	350 gal / 1,325 L	127 lbs / 58 kg	89 lbs / 40 kg
AQW MINI 550	23 gal / 87 L	550 gal / 1,900 L	142 lbs / 64 kg	128 lbs / 57 kg
AQW MINI 750	31 gal / 117 L	750 gal / 2,850 L	150 lbs / 68 kg	130 lbs / 59 kg

Electrical

Model	Phase	Pump Motor	Voltage	Hz	H.P.	Normal Operating Amps	Start Up Current
AOW MINIL 170	N/A	High Pressure	12 / 24	N/A	.33	29 / 14	90 / 45
AQW MINI 170	Single	High Pressure	110 / 230	50 / 60	.33	6/3	26 / 13
AQW MINI 350	Single	High Pressure	110 / 230	50 / 60	1	13 / 6.5	52 / 26
AQW MINI 550	Single	High Pressure	110 / 220	50 / 60	2.1	26 / 13	93 / 47
AQW MINI 750	Single	Booster	110 / 220	50 / 60	0.5	7 / 3.5	28 / 14

Circuit Breaker Size	Operating Voltage	Phase	Recommended Circuit Breaker
AQW MINI 170	12 / 24 VDC		40 Ampere / 20 Ampere
AQW MINI 170	110 / 230 (AC)	Single	12 Ampere / 10 Ampere
AQW MINI 550	110 (AC)	Single	40 Ampere
AQW MINI 750	220 (AC)	Single	20 Ampere

WARNING: This product can expose you to chemicals including Di(2-ethylhexyl) phthalate (DEHP), which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



	Model #	Production / Hr.	Production / 24 hrs.	AW PRO compact*	AW PRO modular*
	450-1	19 Gal / 71 L	450 Gal / 1,703 L	157 lbs / 71 kg	157 lbs / 71 kg
	700-1	29 Gal / 110 L	700 Gal / 2,650 L	160 lbs / 73 kg	160 lbs / 73 kg
PRODUCTION	900-1	38 Gal / 142 L	900 Gal / 3,407 L	162 lbs / 73 kg	162 lbs / 73 kg
& WEIGHT	900-2	38 Gal / 142 L	900 Gal / 3,407 L	169 lbs / 77 kg	169 lbs / 77 kg
	1400-2	58 Gal / 221 L	1,400 Gal / 5,300 L	175 lbs / 79 kg	175 lbs / 79 kg
	1800-2	58 Gal / 221 L	1,800 Gal / 6,814 L	180 lbs / 82 kg	180 lbs / 82 kg

^{*}Weights based on single phase motor. For three phase motors subtract 9 lbs.

Electrical

	Phase	Pump Motor	Voltage VAC	Hz	Normal Operating Amps	Start Up Current		
Plunger Pump	Single	High Pressure / Booster	110-115 / 220 -230	50 / 60	110 / 220 30 / 15	110 / 220 100 / 50		
	Three High Pressure / Booster		220-230 / 380- 460 50 / 60		220 / 380 - 440 11 / 5.5	220 / 380 - 460 30 / 15		
Circuit Breaker Size	Operating AC Voltage		Phase		Recommended Circuit Breaker			
Diunger Dump	110-11	5 / 220-230	Single		40 Ampere / 20 Ampere			
Plunger Pump	220 /	220 / 380 / 460		Three		ee 15 Ampere / 10 Ampere / 10 Ampe		npere / 10 Ampere

Aqua Matic Mid to Mega Yachts (40 - over 80 ft / 12 - over 24 m)

Features & Benefits

- An automated screen informs the operator of required maintenance.
- Available in a small footprint, compact frame for easy installation.
- Full color, touchscreen remote control.
- Ability to display in multiple languages.



	Model #	Production / Hr.	Production / 24 hrs.	AQM Compact*	AQM Modular*
PRODUCTION & WEIGHT	450-1	19 Gal / 71 L	450 Gal / 1,703 L	153 lbs / 69 kg	149 lbs / 68 kg
	700-1	29 Gal / 110 L	700 Gal / 2,650 L	156 lbs / 71 kg	152 lbs / 69 kg
	900-1	38 Gal / 142 L	900 Gal / 3,407 L	158 lbs / 72 kg	154 lbs / 70 kg
	900-2	38 Gal / 142 L	900 Gal / 3,407 L	165 lbs / 75 kg	161 lbs / 73 kg
	1400-2	58 Gal / 221 L	1,400 Gal / 5,300 L	171 lbs / 76 kg	167 lbs / 76 kg
	1800-2	75 Gal / 284 L	1.800 Gal / 6.814 L	176 lbs / 80 ka	172 lbs / 78 ka

AQUA MATIC

Electrical

	Phase	Pump Motor	Voltage VAC	Hz	NOA	SUC	Operating Voltage	Start Up Current
					110 / 220	110 / 220		
Plungor	Single	HP / Booster	110-115 / 220 -230	50 / 60	30 / 15	100 / 50	110-115 / 220-230	40 Ampere / 20 Ampere
Plunger Pump					110 / 220	110 / 220		
i ump	Three	HP / Booster	220-230 / 380-460	50 / 60	11 / 5.5	30 / 15	220 / 380 / 460	15 Ampere / 10 Ampere / 10 Ampere

^{*}Production may vary +/-20% | GPD: Gallons per day • LPD: Liters per day





• Flexible installation and easy to operate.

 Globally supported by a network of more than 300 dealers and distributors.

Specifications

Model #	Fresh Water Production from Sea Water	Water Production from Sea Water	Water Production from Dock Water*	Weight
A400C-1800GPD-1400GPD	1800 GPD 6814 LPD	1400 GPD 5300 LPD	1400 GPD 5300 LPD	413 lbs / 187 kg
A400C-2600GPD-2200GPD	2600 GPD 9842 LPD	2200 GPD 8328 LPD	2200 GPD 8328 LPD	413 lbs / 187 kg
A400C-3400GPD-2900GPD	3400 GPD 12870 LPD	2900 GPD 10978 LPD	2900 GPD 10978 LPD	428 lbs / 194 kg

^{*}Production may vary +/-20% | GPD: Gallons per day • LPD: Liters per day

Electrical

Booster 1.5/2 220/380//230/460 50//60 3 4.8/2.4//5/2.5 14/7.2//15/7.5	Pump Motor/HP	Voltage VAC	Hz	Phase	Normal Operating Amps	Start Up Current
	Booster 1.5/2	2 220/380//230/460	50//60	3	4.8/2.4//5/2.5	14/7.2//15/7.5
Booster 1.5/1 115/230 50//60 3 14.2/7.1//18.2/9.1 54	Booster 1.5/	115/230	50//60	3	14.2/7.1//18.2/9.1	54

	Pump				Normal	Start Up	Circuit
Model #	Motor/HP	Voltage VAC	Hz	Phase	Operating Amps	Current	Breaker Amp
1800/1400	5	190/380//230/460	50/60	3	15.6/7.8//13.4/6.7	47/24//40/20	51/26/46/23
2600/2200- 3400/2900	5//7.5	190/380//230/460	50/60	3	16.2/8.1/19/9.5	49/25//57/29	53/27//60/30
1800/1400	5	220/230	50/60	1	24/21.8	72/66	83/73



- Tank level switches may be installed to control shut down and also prevent start up if the tanks are full.
- All aspects of operation are displayed on straight forward screens providing simple, intuitive information and directions.
- For those who demand simplicity, excellence, automation, elite technology, and low maintenance, the Aqua Matic XL is the only choice.

	Model #	Production / Hr.	Production / 24 hrs.	Weight - Compact*	Weight - Modular*
	2200	92 Gal / 347 L	2200 Gal / 8328 L	413 lbs / 187 kg	390 lbs / 176 kg
PRODUCTION	2600	108 Gal / 410 L	2600 Gal / 9842 L	413 lbs / 187 kg	400 lbs / 181 kg
& WEIGHT	2800	117 Gal / 442 L	2800 Gal / 10599 L	428 lbs / 194 kg	415 lbs / 188 kg
	3400	142 Gal / 536 L	3400 Gal / 12870 L	439 lbs / 199 kg	432 lbs / 196 kg

^{*}Production may vary +/-20% | GPD: Gallons per day • LPD: Liters per day

Electrical

	Phase P	Booster ump Motor			Normal Operating Amps	Start Up Current
	Three	1.5/2	220/380//230/460	50 / 60	5.2/2.6//5.8/2.9	24/16//27/14
	Single	1.5/1	115/230	50 / 60	14.2/7.1//18.2/9.1	54
Circuit Breaker Amp Rating	High Pressure Pump / Motor	AC Voltage	e Hz	Phase*	Normal Operating Amps	Circuit Breaker Amp
2200 - 3400 GPD	5 HP	190 / 380	50	3	15.6 / 7.8	80/60
2200 - 3400 GPD	5 HP	208 / 230 / 4	60 60	3	13.9 / 13.4 / 6.7	80/60
2200 - 3400 GPD	5 HP	230/220	50 / 60	1	21.8//24	80/85

^{*}Production may vary +/-20% | GPD: Gallons per day • LPD: Liters per day



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Part No.	Capacity	Production/Hr	Production/Day	Number of Membranes	Electrical VAC/Ph/Hz	Full Load Amps (FLA)	Weight
UC1200-116	1200 GPD	50 Gal/189 Lit	1200 Gal/4536 Lit	1	110/1/60	5.2	50 lbs/23kg
UC1200-215	1200 GPD	50 Gal/189 Lit	1200 Gal/4536 Lit	1	230/1/50	3.3	50 lbs/23kg
UC2400-116	2400 GPD	100 Gal/378 Lit	2400 Gal/9072 Lit	2	110/1/60	5.2	55 lbs/25kg
UC2400-215	2400 GPD	100 Gal/378 Lit	2400 Gal/9072 Lit	2	230/1/50	3.3	55 lbs/25kg

^{*}Higher capacity systems are available upon request.



- No worry transfer from boat to dock, it floats!
- All connections are external, no need to open the case.
- Internal filter easily changed from external access lid.
- Mobile, versatile, and portable.

Part No.	Production/Hr	Production/Day	Number of Membranes	Electrical VAC/Ph/Hz	Amps (FLA)	Weight	Dimensions Inch (cm)
DUC3400-116	142 Gal/ 536 Lit	3400 Gal/ 2869 Lit	3	110/1/60	10	95 lbs/ 43.1kg	32.6 x 18.4 x 11.1 (82.8 x 46.74 x 28.20)

^{*}Higher capacity systems are available upon request.



- · Easy to maintain.
- Vertical configuration standard.
- Optional configurations voltages available upon request.
- Advanced digital controls.
- Short manufacturing lead times.
- · Oil-free pump.
- Large HMI interface.
- All automatic controls and instruments for safe & reliable operations.

Part Number A550 Vertical, A551 Horizontal, A552 Modular	Voltage	Capacity M³/Day	Permeate GPD	Vertic Length	al Dimensions ((in/cm) Height
-13	440-480 / 3 / 60	14	3800	30/76	34/86	60/152
-15	380-410 / 3 / 50	14	3800	30/76	34/86	60/152
-23	440-480/3/60	16	4200	30/76	34/86	60/152
-25	380-410 / 3 / 50	16	4200	30/76	34/86	60/152
-33	440-480/3/60	20	5200	30/76	34/86	60/152
-35	380-410 / 3 / 50	20	5200	30/76	34/86	60/152
-43	440-480/3/60	23	6200	34/86	34/86	60/152
-45	380-410 / 3 / 50	23	6200	34/86	34/86	60/152
-53	440-480/3/60	26	6800	38/97	34/86	60/152
-55	380-410 / 3 / 50	26	6800	38/97	34/86	60/152

Tasman Sea T-3 Watermakers

8,000 - 18,000 GPD 30-68 M³/D



- Oil-free pump
- HMI interface
- Aluminum frame
- ANSI flanges
- All controls & instrumentation for safe and reliable operations.
- · Compact design
- · Automatic control
- Digital control



Part Number A600, A601,		Capacity M³/Day	Permeate	Vertical Dimensions (in/cm)			
A611, A612	Voltage		GPD	Length	Width	Height	
-30	440-480 / 60 / 3	30	8000	29/74	77/196	49/124	
-31	380-410 / 50 / 3	30	8000	29/74	77/196	49/124	
-38	440-480 / 60 / 3	38	10000	29/74	77/196	49/124	
-39	380-410 / 50 / 3	38	10000	29/74	77/196	49/124	
-44	440-480 / 60 / 3	45	12000	29/74	77/196	49/124	
-45	380-410 / 50 / 3	45	12000	29/74	77/196	49/124	
-61	440-480 / 60 / 3	61	16000	29/74	77/196	49/124	
-62	380-410 / 50 / 3	61	16000	29/74	77/196	49/124	
-67	440-480 / 60 / 3	68	18000	29/74	77/196	49/124	
-68	380-410 / 50 / 3	68	18000	29/74	77/196	49/124	



Features & Benefits

- Oil-free pump
- HMI interface
- Aluminum frame
- ANSI flanges
- · Compact design
- · Automatic control
- Digital control
- All controls & instrumentation for safe and reliable operations.



Part Number	Capacity Permeate Vertical I				al Dimensions	(in/cm)
A650	Voltage	M³/Day	GPD	Length	Width	Height
-72	440-480 / 60 / 3	75	19813	100/2540	29/737	65/1651
-73	380-415 / 50 / 3	75	19813	100/2540	29/737	65/1651
-90	440-480 / 60 / 3	95	25096	100/2540	29/737	65/1651
-91	380-415 / 50 / 3	95	25096	100/2540	29/737	65/1651
-98	440-480 / 60 / 3	98	25920	100/2540	29/737	65/1651
-99	380-415 / 50 / 3	98	25920	100/2540	29/737	65/1651
-105	440-480 / 60 / 3	105	27738	100/2540	29/737	65/1651
-106	380-415 / 50 / 3	105	27738	100/2540	29/737	65/1651
-120	440-480 / 60 / 3	120	31701	100/2540	29/737	65/1651
-121	380-415 / 50 / 3	120	31701	100/2540	29/737	65/1651
-145	440-480 / 60 / 3	145	38305	100/2540	29/737	65/1651
-146	380-415 / 50 / 3	145	38305	100/2540	29/737	65/1651

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WP-SRC Brochure 10/19



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