

# Commercial Pure Water Series

PW 3000-20000 GPD  
(11-75 m<sup>3</sup>/day)



## For Commercial Marine Applications

The PW Series reverse osmosis desalination systems are the preferred choice of fresh water generating equipment for the most discriminating marine operators (such as major oil companies, The United States Navy, The United States Coast Guard and The Cousteau Society). Thousands of installations have proven this series to be the most reliable on the market. They are designed to provide performance and longevity under the most rugged conditions.



PW-3000

## Contact Information:

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## Key Feature:

At the core of each PW series watermaker is the Aqua Pro<sup>®</sup> 3 or 5 plunger high pressure pump:

- Titanium head for maximum corrosion resistance.
- Balanced drive for lowest noise and pulsation.
- Ceramic Plungers and nylon valves for long service life.



Aqua Pro<sup>®</sup> Pump-3P20

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## Standard Features:

- Stainless Steel 316 pre-filtration housings deliver 200 sq. ft. of filtering area
- Boost pump provides up to 50 psi of boost pressure to the filtration system
- Stainless steel, glycerin filled pressure gauges accurately read pressure at filters, pump and product
- Easy to operate 316 SS high pressure bypass valve controls the operating mode from cleaning/rinse to water production. Allows high pressure bypass for start-up and low pressure flushing without readjustment of regulating valve
- Automatic diversion valve diverts water to discharge if water quality drops below acceptable standards
- Digital water quality monitor displays ppm TDS of product water output. Also displays temperature and total hours for accurate service logs
- Simple to use freshwater flush system extends life of membranes without use of preservatives
- Optional multi-media filter for operations in turbid seas

Model	Capacity GPH-m <sup>3</sup> /D	Power HP	Dimensions	Weight lbs./kg
			W x D x H inch (mm)	
PW3000	125 - 11	12	84(2134)x34(864)x35(889)	800/364
PW4000	167 - 15	12	84(2134)x34(864)x35(889)	900/409
PW5000	208 - 20	17	84(2134)x34(864)x35(889)	1000/455
PW6000	250 - 25	17	84(2134)x44(1117)x35(889)	1050/477
PW7000	292 - 27	17	84(2134)x48(1219)x35(889)	1500/682
PW8000	333 - 30	22	84(2134)x48(1219)x35(889)	1600/727
PW10000	417 - 40	22	84(2134)x48(1219)x35(889)	1800/818
PW12000	500 - 45	27	88(2235)x52(1321)x35(889)	1900/864
PW16000	667 - 61	27	88(2235)x52(1321)x43(1092)	2200/1000
PW20000	833 - 75	32	88(2235)x52(1321)x43(1092)	2250/1022

Also available in explosion proof configuration for installation on oil and gas rigs. NEC rating, Class I, Division I, Group D



PW-16000 Modular  
Optional modular configuration allows freedom to install components where space permits, and the modules are small enough to fit through hatchways for installation.

To maintain peak performance always use genuine Parker-Racor/Village Marine Tec. replacement parts. We reserve the right to change our specifications or standards without notice.

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