



aerospace  
climate control  
electromechanical  
**filtration**  
fluid & gas handling  
hydraulics  
pneumatics  
process control  
sealing & shielding



# Racor Village Marine Offshore Desalination Systems



ENGINEERING YOUR SUCCESS.

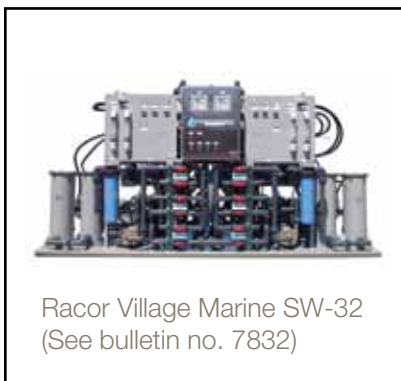


Racor Village Marine PW-3000  
(See bulletin no. 7831)

The Pure Water (PW) Series is designed to provide installation flexibility, superior performance, and extended service life in the most rugged conditions. PW units are typically installed in 24/7, continuous-duty applications. Each features a 3 or 5 plunger titanium pump for low vibration and low noise with unsurpassed corrosion resistance.



Racor Village Marine  
PW-8000 XP Explosion Proof  
(See bulletin no. 7857)



Racor Village Marine SW-32  
(See bulletin no. 7832)

Racor Village Marine offers a wide range of watermaker systems for offshore platforms and vessels. The PW and SW series offer standard catalog units providing quick delivery for many applications. The CC series provides unique engineered solutions to suit customer specifications. Racor VMT is able to collaborate with customer technical staff to meet specific requirements.

## Pure Water Series

3,000-20,000 GPD (11,000-75,500 LPD)  
For Offshore Support Vessels, ROV Support Vessels, Cable Laying Ships, Pipe Laying Barges, Anchor Handling Tugs, etc.

Model	Capacity GPH-m <sup>3</sup> /D	Power HP	Dimensions W x D x H inch (cm)	Weight lbs./kg
PW3000	125 - 11	12	84(213)x34(86)x35(89)	800/364
PW4000	167 - 15	12	84(213)x34(86)x35(89)	900/409
PW5000	208 - 20	17	84(213)x34(86)x35(89)	1000/455
PW6000	250 - 25	17	84(213)x44(112)x35(89)	1050/477
PW7000	292 - 27	17	84(213)x48(122)x35(89)	1500/682
PW8000	333 - 30	22	84(213)x48(122)x35(89)	1600/727
PW10000	417 - 40	22	84(213)x48(122)x35(89)	1800/818
PW12000	500 - 45	27	88(224)x52(132)x35(89)	1900/864
PW16000	667 - 61	27	88(224)x52(132)x43(109)	2200/1000
PW20000	833 - 75	32	88(224)x52(132)x43(109)	2250/1022

## Sea Water Series

24,000-40,000 GPD (91,000-150,000 LPD)  
For Offshore Drilling Rigs, Construction Barges and FPSO's.

The Racor Sea Water (SW) Series reverse osmosis desalination systems are

designed to provide potable water in demanding environments.

(Continued on next page)

These models comprise a single skid with two complete, independent RO systems. The two trains can run together or can be operated on a duty/stand by basis. Top quality components, manufactured by Racor Village Marine, provide maximum corrosion resistance. Straight-forward, easy to understand controls, result in reliable operation.



SW Series (back side view)



SW Series (right side view)

Model	Capacity		Power at 440/3/60	Dimensions inch/cm	Weight lb/kg
	GPD	m <sup>3</sup> /day			
SW 24	24000	91	60 Amps	142/361 long	6950/3160
SW 32	32000	120	60 Amps	72/183 deep	7300/3320
SW 40	40000	151	70 Amps	78/198 high	7500/3410



Racor Village Marine CC-10000 XP

The CC Series provides custom engineered solutions to meet customer specifications. Each one is configured with all accessories in a single box frame. The core of the system uses the proven AquaPro<sup>®</sup> titanium pressure pumps and membranes.



## CC Series

2,000-26,000 GPD (7,500-100,000 LPD)  
For Offshore FPSO, FSO, MODU and Drillships



Racor Village Marine CC-2000 XP

Features can be selected from the following:

- Media filter pretreatment
- Carbon filter pretreatment
- De-chlorination pretreatment
- 2nd pass system for turbine/boiler water requirements
- Explosion proof ratings:
  - NEC class 1, division 1
  - NEC class 1, division 2
  - IEC 60079 zone 2, group IIA
- Remineralizer posttreatment for pH neutralization
- Ultraviolet light germicidal systems
- Chlorination post treatment
- Status and alarm signal for remote monitoring
- Full Supplier Document Requirement List vendor data book

# Worldwide Filtration Manufacturing Locations

## North America

**Compressed Air Treatment  
Filtration & Separation/Balston**  
Haverhill, MA  
978 858 0505  
[www.parker.com/balston](http://www.parker.com/balston)

**Finite Airtek Filtration  
Airtek/domnick hunter/Zander**  
Lancaster, NY  
716 686 6400  
[www.parker.com/faf](http://www.parker.com/faf)

**Finite Airtek Filtration/Finite**  
Oxford, MI  
248 628 6400  
[www.parker.com/finitefilter](http://www.parker.com/finitefilter)

**Engine Filtration &  
Water Purification  
Racor**  
Modesto, CA  
209 521 7860  
[www.parker.com/racor](http://www.parker.com/racor)

**Racor**  
Holly Springs, MS  
662 252 2656  
[www.parker.com/racor](http://www.parker.com/racor)

**Racor**  
Beaufort, SC  
843 846 3200  
[www.parker.com/racor](http://www.parker.com/racor)

**Racor – Village Marine Tec.**  
Carson, CA  
310 516 9911  
[desalination.parker.com](http://desalination.parker.com)

**Hydraulic Filtration  
Hydraulic Filter**  
Metamora, OH  
419 644 4311  
[www.parker.com/hydraulicfilter](http://www.parker.com/hydraulicfilter)

Laval, QC Canada  
450 629 9594  
[www.parkerfarr.com](http://www.parkerfarr.com)

**Process Filtration  
domnick hunter Process Filtration**  
Oxnard, CA  
805 604 3400  
[www.parker.com/processfiltration](http://www.parker.com/processfiltration)

## Europe

**Compressed Air Treatment  
domnick hunter Filtration & Separation**  
Gateshead, England  
+44 (0) 191 402 9000  
[www.parker.com/dhfn](http://www.parker.com/dhfn)

**Parker Gas Separations**  
Etten-Leur, Netherlands  
+31 76 508 5300  
[www.parker.com/dhfn](http://www.parker.com/dhfn)

**Hiross Zander**  
Padova Business Unit  
Padova, Italy  
+39 049 9712 111  
[www.parker.com/hzd](http://www.parker.com/hzd)

**Hiross Zander**  
Essen Business Unit  
Essen, Germany  
+49 2054 9340  
[www.parker.com/hzd](http://www.parker.com/hzd)

**Engine Filtration &  
Water Purification  
Racor**  
Dewsbury, England  
+44 (0) 1924 487 000  
[www.parker.com/rfde](http://www.parker.com/rfde)

**Racor Research & Development**  
Stuttgart, Germany  
+49 (0)711 7071 290-10  
[www.parker.com/rfde](http://www.parker.com/rfde)

**Hydraulic Filtration  
Hydraulic Filter**  
Arnhem, Holland  
+31 26 3760376  
[www.parker.com/hfde](http://www.parker.com/hfde)

**Ujala Operation**  
Ujala, Finland  
+358 20 753 2500  
[www.parker.com/hfde](http://www.parker.com/hfde)

**Condition Monitoring Center**  
Norfolk, England  
+44 1842 763 299  
[www.parker.com/hfde](http://www.parker.com/hfde)

**Process Filtration  
domnick hunter Process Filtration**  
Birtley, England  
+44 (0) 191 410 5121  
[www.parker.com/processfiltration](http://www.parker.com/processfiltration)

## Asia Pacific

**Australia**  
Castle Hill, Australia  
+61 2 9634 7777  
[www.parker.com/australia](http://www.parker.com/australia)

**China**  
Shanghai, China  
+86 21 5031 2525  
[www.parker.com/china](http://www.parker.com/china)

**India**  
Navi Mumbai, India  
+91 22 651 370 8185  
[www.parker.com/india](http://www.parker.com/india)

**Japan**  
Tokyo, Japan  
+81 45 870 1522  
[www.parker.com/japan](http://www.parker.com/japan)

**Korea**  
Hwaseon-City  
+82 31 359 0852  
[www.parker.com/korea](http://www.parker.com/korea)

**Singapore**  
Jurong Town, Singapore  
+65 6887 6300  
[www.parker.com/singapore](http://www.parker.com/singapore)

**Thailand**  
Bangkok, Thailand  
+66 2 186 7000  
[www.parker.com/thailand](http://www.parker.com/thailand)

**Latin America  
Parker Comercio Ltda.  
Filtration Division**  
Sao Paulo, Brazil  
+55 12 4009 3500  
[www.parker.com/br](http://www.parker.com/br)

**Pan American Division**  
Miami, FL  
305 470 8800  
[www.parker.com/panam](http://www.parker.com/panam)

**Africa**  
Aeroporto Kempton Park, South Africa  
+27 11 9610700  
[www.parker.com/africa](http://www.parker.com/africa)

