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# Racor Village Marine Offshore Desalination Systems



ENGINEERING YOUR SUCCESS.

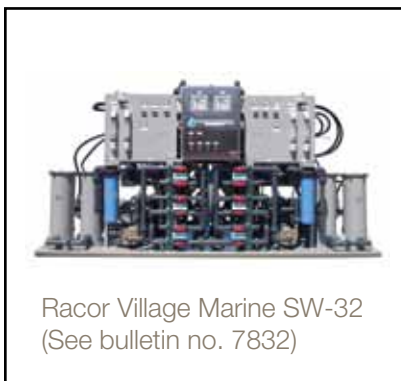


Racor Village Marine PW-3000  
(See bulletin no. 7831)

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

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**Process Filtration**  
**Process Advanced Filtration**  
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 Oxnard, CA 93030  
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