



Village Marine Tec.™

Industrial Pure Water



The PW Series / R.O. Desalination Systems are the preferred choice of some of our most discriminating clients (such as the United States Navy , the United States Coast Guard and the Cousteau Society...to name a few) and have proven to be amongst the most reliable units on the market.

We owe our success to skilled craftsmanship, the use of quality, non-corrosive materials, and to our twenty years of reverse osmosis experience. The PW Series is built for a lifetime of use in oceans around the world.






The PW Series are commercial duty units which are commonly used in 24 hour / day, 7 day / week

operation. These systems are designed to provide the best performance and longevity under the most rugged conditions.

The PW systems are available in two styles: framed and modular. The framed unit is the most convenient to install: simply connect three hoses, run the power and you're in business. The modular system allows the user freedom to install components where space permits.

If you are in search of high quality, top performance, and reliability, choose a model from the PW Series to provide you with fresh water from the sea.

Optional Accessories

-  *Freshwater Flush System* extends life of membranes and storage time of the system without use of preservative. Also produces battery fill water. Available in automatic or manual configurations.
-  The *VMT U.V Sterilizer* effectively kills 99.9% of all bacteria and micro-organisms. Has no moving parts and requires no chemicals for operation.
-  *Media Filter* extends the life of micron filters.
-  The *VMT Cyclone Separator*, designed for use in rivers and coastal waters removes particles and silt in the feedwater. The cyclone separator can significantly R.O. system filter life.
-  *Bromination System* provides residual killing power for bacteria and viruses.



Standard Features

-  *Sea Strainer* prevents large particles from entering into the system.
-  *316 SS Pre-filtration Housings* deliver 100 sq. ft. of filtering area offering more filtration than competitors systems and maximum membrane life.
-  *Ceramic Plunger Titanium Pump* belt driven for low vibration and noise with unsurpassed corrosion resistance. Lifetime guarantee on pump head to original owner.
-  All *316 SS High Pressure Piping* for superior duty life.
-  Easy to operate *316 SS High Pressure Bypass Valve* controls the operating mode from cleaning/rinse to R.O. Allows high pressure bypass for start-up and low pressure flushing without readjustment of regulating valve.
-  Adjustable *316 SS Pressure Regulating Valve* for use in fresh, brackish or sea water. Provides *constant pressure* which no other unit in the market provides. No need to worry about fluctuating pressure.
-  *Brine Water Flowmeter* measures brine flow output in gallons per minute for simple diagnostic checks of system efficiency.
-  *Product Flowmeter* to easily monitor gallons/hour of water being produced.
-  *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.
-  *Cleaning Valve* for easy cleaning or sterilization of the system. Simply turn one valve. No hoses to remove.

Model	Output	Pump H.P.	Weight
PW3000	125.0GPH	10	800 lbs.
PW4000	166.7GPH	10	900 lbs.
PW5000	208.3GPH	15	1000 lbs.
PW6000	250.0GPH	15	1050 lbs.
PW7000	291.6GPH	15	1500 lbs.
PW8000	333.3GPH	20	1600 lbs.
PW10000	416.6GPH	20	1800 lbs.
PW12000	500.0GPH	25	1900 lbs.
PW16000	666.6GPH	25	2200 lbs.

