

Land Based Desalinators SW Modular Series

SW-42, SW-66, SW-93
(160, 250, 350 m³/day)



For Oceanfront Properties Applications

The SW Series reverse osmosis desalination systems are designed for high through-put water requirements with minimum electric power use. These efficient and quiet models cover the range of 160, 250 and 350 m³/day (42,000, 66,000 and 93,000 GPD).

Applications include oceanfront properties, accommodation barges, factory fishing ships, cruise ships and other large vessels.



SW-66

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Village Marine Tec. relies on 31 years of experience supplying RO equipment to the Industrial and the Military markets. Top-quality components which are manufactured in-house provide unsurpassed corrosion resistance and performance. User friendly controls provide simple and reliable operation.



ENGINEERING YOUR SUCCESS.

Land Based Desalinators

SW Modular Series

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| Model | Production | | Power Required |
|-------|------------|---------------------|----------------|
| | GPD | m ³ /day | HP |
| SW-42 | 42,000 | 160 | 60 |
| SW-66 | 66,000 | 250 | 85 |
| SW-93 | 93,000 | 350 | 115 |

Standard Features:

- Quiet high pressure multi-stage centrifugal pump with duplex SS shell and shaft, and 316L impellers and diffusers. Driven by VFD adjustable soft start TEFC motor for smooth operation
- Turbo booster reduces power consumption. Duplex SS casing and rotor
- TFC spiral wound membrane elements for high salt rejection
- High capacity cartridge filters in SS316 housings. Two stages -20 micron followed by 5 microns
- Simple controls and instrumentation - pressure gauges, flowmeters and salinity monitoring
- Safety shutdown for equipment protection
- Automatic product valve diverts water to discharge if water quality drops below acceptable standards
- Configured with valves for fresh water flushing and chemical cleaning in place
- Optional extra prefiltration, media filters or automatic self cleaning strainer



Prefilter Skid
Approx: 5' x 4' x 3' LWH



Optional Media Prefiltration
Approx: 8' x 4' x 8' LWH



HP Pump
Approx: 8' x 2' x 2' LWH



Pressure Vessel Module
Approx: 20' x 2' x 7' LWH

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.