

Sea Water Desalination RO System

-Low-hassle Water System

Green-Tak



The low-hassle sea water desalination RO systems are designed in compact size to fit any location. The system is space saver, the compact sizes are suitable for small and narrow space such as fishing boat, small power boats and even a small island. The compact sea water RO system can produce from 1000 to 3000 liters of fresh water per day and is the most economy and cost-effective choice.



Features

- ▶ International Quality Standard.
- ▶ High Quality Raw Water Lifting Pump.
- ▶ High Density Pre-Filter.
- ▶ NSF certified filter media.
- ▶ Food grade filter housing and piping.
- ▶ Factory Tested and Preserved.
- ▶ 100% Factory Tested.



Benefits

- ▶ Seawater treatment, ideal for small islands, fishing and boat.
- ▶ Compact size, big volume, cost-efficiency.
- ▶ Remove lead, mercury, harmful toxic heavy metals from water.
- ▶ Remove salt, dirt, bacteria and other impurities.
- ▶ Convert seawater to domestic water or drinking water.



Application

- ▶ The Sea Water Desalination RO System can be widely used in purifying sea water or brackish water into domestic water and potable water.
- ▶ For drinking, and cooking.
- ▶ For washing and bathing.
- ▶ For garden irrigation system.



Sea Water Desalination RO System

| Model No | SWRO-1000 | SWRO-2000 | SWRO-3000 |
|------------------------------|--|----------------------|----------------------|
| Product Name | Sea Water Desalination RO System | | |
| Application | Suitable for small boat, yacht, cruise ships, off-shore platform | | |
| Output Capacity | 1000 LPD | 2000 LPD | 3000 LPD |
| Voltage | 110V or 220~240V or 380V | | |
| Power Consumption | 1.1KW | 1.5KW | 2.2KW |
| 1 st Stage Filter | 10" Pre-filter 5 micron PP Sediment Filter | | |
| 2 nd Stage Filter | 10" Pre-filter 5 micron PP Sediment Filter | | |
| 3 rd Stage Filter | 2521 TFM RO membrane | 2540 TFM RO membrane | |
| 4 th Stage Filter | — | | |
| 5 th Stage Filter | — | | 2540 TFM RO membrane |
| Membrane Vessel | FRP High Pressure RO Vessel | | |
| Recovery Rate | 10% | 16% | 24% |
| Pump | Italy AR brand brass pump head, Belt Drive, Max 1450rpm | | |
| Freshwater TDS (mg/l) | 35000 | | |
| Feedwater TDS (mg/l) | <800 | | |
| Chemical washing tank | 5 Liter | | |
| Parts and Accessories | With pressure gauge, flow meter, solenoid valve | | |
| Country of Origin (CO) | TAIWAN | | |