

# COMPACT SEAWATER DESALINATION SYSTEM PACIFIC MODEL

## KEY FEATURES:



- Analogic Operation.
- Online conductivity meter monitoring the out put water quality all the time.
- Ultraviolet disinfection system included.
- Clear Filter House for ultimate corrosion resistance and large and small particulate removal.
- New Design allows flexible installation.
- Suction feed pump included in the frame.
- Carbon filter as the last process of the water purification.
- Remote control panel (optional).
- Made in USA.



EASY INSTALLATION:  
PLUG AND DRINK



**TECNORTHAM**

Water Purification Technologies



We use the best membrane quality for Reverse Osmosis (RO) from seawater, with an extremely high salt removal rate, as well as stable, safe, and reliable performance. Our High Pressure (HP) pump is suitable for seawater desalination, an integrated system with a high pressure protection device ensuring the safety and reliability of the equipment. The final process is treated water with superior quality that meets national and international standards.

**TECHNICAL PARAMETER:**

Models	PACIFIC 150 GPD	PACIFIC 300 GPD	PACIFIC 600 GPD	PACIFIC 750 GPD	PACIFIC 900 GPD	PACIFIC 1.500 GPD
Capacity	150 GPD	300 GPD	600 GPD	750 GPD	900 GPD	1.500 GPD
Power HPP	0.75 Kw	0.75 Kw	0.75 Kw	1.1 Kw	1.1 Kw	1.1 Kw
Voltage	110V or 220V 60HZ 1PH	110V or 220V 60HZ 1PH	110V or 220V 60HZ 1PH	110V or 220V 60HZ 1PH	110V or 220V 60HZ 1PH	110V or 220V 60HZ 1PH
Inlet TDS	< 32.800 ppm	< 32.800 ppm	< 32.800 ppm	< 32.800 ppm	< 32.800 ppm	< 32.800 ppm
Salt rejection	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%
Pressure	≤ 800 psi	≤ 800 psi	≤ 800 psi	≤ 800 psi	≤ 800 psi	≤ 800 psi
Dimensions	24"x18"x18"	24"x18"x18"	24"x18"x18"	44"x18"x22"	25"x25"x22"	44"x 22"x22"
Weight	90 Lbs.	107 Lbs.	130 Lbs.	140 Lbs.	147 Lbs.	152 Lbs.

Special requirements: we can customize according to your needs

**BASIC CONFIGURATION:**

Models	150 GPD	300 GPD	600 GPD	750 GPD	900 GPD	1500 GPD
Membrane	SW2514 01 unit	SW2521 01 unit	SW2521 02 units	SW2540 01 unit	SW2521 04 units	SW 2540 02 units
Pre treatment	01 unit - PP filter 2.5 x 10 : 05 micron					
	01 unit - Pleated filter 2.5 x 10 : 01 micron					
After treatment	01 unit - Ultra Violet Esterilizer 12W					
	01 unit - Carbon filter online 2.5 x 10					
Priming Pump (booster)	Body Stainless steel AISI 304 or ABS/PVC					
High pressure pump	AVT Piston pump, body in brass or stainless steel AISI 316					
Instruments	Pressure gauge					
	Flow meter					
Water quality	Online conductivity					
Frame	Solid Aluminum					

**SYSTEM PUMPS INCLUDED:**

- Suction Feed pump (Booster pump), will pull the seawater from storage tank or direct from the sea.
- High efficiency Plunger High Pressure Pump.

**NOISE REDUCTION FEATURES:**

- Vibration isolation mounts included.

**MATERIALS:**

- Solid Aluminum frame with protection.
- Fiberglass Reinforced High Pressure Membrane Vessel stronger and eliminates corrosion.



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