



"NAUTILUS"














SWRO

COMMERCIAL MODULAR DESALINATION SYSTEMS

SEA WATER REVERSE OSMOSIS

Model #	Daily Production		Hourly Production				Feed GPM	Vessel Size/Quantity	Pump model	RPM	Price
	Gallons	m3	Gallons	Liters	Motor HP	kW					
NS300	300	1.14	12.50	47.25	0.75	0.56	1	2521/1	Cat 2SF10SEEL	1725	\$5,899.00
NS500	500	1.89	20.83	78.75	1.50	1.12	2.5	2540/1	Cat 2SF25SEEL	1725	\$5,999.00
NS800	800	3.03	33.33	126.00	1.50	1.12	2.5	2540/2	Cat 2SF25SEEL	1725	\$7,099.00
NS1500	1500	5.68	62.50	236.25	3.00	2.24	5.1	2540/3	Cat 5CP6251	1725	\$11,399.00
NS2000	2000	7.58	83.33	315.00	3.00	2.24	5.1	2540/4	Cat 5CP6251	1725	\$13,599.00
NS2500	2500	9.47	104.17	393.75	5.00	3.73	7.5	4040/2	Cat 1051	720	\$28,999.00
NS3000	3000	11.36	125.00	472.50	5.00	3.73	7.5	4040/3	Cat 1051	720	\$30,999.00
NS5000	5000	18.94	208.33	787.50	7.50	5.59	12	4080/2	Cat 2531	522	\$33,999.00
NS6000	6000	22.73	250.00	945.00	7.50	5.59	12	4080/3	Cat2531	522	\$38,870.00
NS8000	8000	30.30	333.33	1260.00	10.00	7.46	16	4080/4	Cat 2531	696	\$44,275.00

ENERGY EFFICIENCY - DESIGN DETAILS

Model #	Daily Production		Hourly Production				kW	KWH/KGAL	Filmtec Membrane Type/Quan	\$per/KGAL @ \$0.35 per KWH		\$ per 24 hours
	Gallons	m3	Gallons	Liters	Motor HP							
NS300	300	1.14	12.50	47.25	0.75	0.56	44.7	SW30-2521/1	\$15.66		\$4.70	
NS500	500	1.89	20.83	78.75	1.50	1.12	53.7	SW30-2540/1	\$18.79		\$9.40	
NS800	800	3.03	33.33	126.00	1.50	1.12	33.6	SW30-2540/2	\$11.74		\$9.40	
NS1500	1500	5.68	62.50	236.25	3.00	2.24	35.8	SW30-2540/3	\$12.53		\$18.79	
NS2000	2000	7.58	83.33	315.00	3.00	2.24	26.8	SW30-2540/4	\$9.40		\$18.79	
NS2500	2500	9.47	104.17	393.75	5.00	3.73	35.8	SW30HRLE-4040/2	\$12.53		\$31.32	
NS3000	3000	11.36	125.00	472.50	5.00	3.73	29.8	SW30HRLE-4040/3	\$10.44		\$31.32	
NS5000	5000	18.94	208.33	787.50	7.50	5.59	26.8	SW30HRLE-4040/4	\$9.40		\$46.98	
NS6000	6000	22.73	250.00	945.00	7.50	5.59	22.4	SW30HRLE-4040/6	\$7.83		\$46.98	
NS8000	8000	30.30	333.33	1260.00	10.00	7.46	22.4	SW30HRLE-4040/8	\$7.83		\$62.64	

ACCESSORIES AND SPARE PARTS

	PRICE
Annual Spares for NS300-800 - Includes Filters, Pump Oil, Pump Rebuild Kits, O-Rings, Membrane Chemicals	\$ 550.00
Annual Spares for 1200-2000 - Includes Filters, Pump Oil, Pump Rebuild Kits, O-Rings, Membrane Chemicals	\$ 850.00
Annual Spares for 2500-3000 - Includes Filters, Pump Oil, Pump Rebuild Kits, O-Rings, Membrane Chemicals	\$ 1,250.00
Annual Spares for 5000-8000 - Includes Filters, Pump Oil, Pump Rebuild Kits, O-Rings, Membrane Chemicals	\$ 1,850.00
Shallow Well Pump for 300-3000 systems - Suction lift <5' and TDH <25'	\$ 1,495.00
Shallow Well Pump for 5000-8000 systems - Suction lift <5' and TDH <25'	\$ 1,549.00
316SS Submersible Well Pump for 5000-8000 systems with Sub Drive	\$ 5,700.00
Phase monitor - Safely shuts down equipment if phase loss occurs and safely restarts	\$ 395.00
Surge Arrestor - Protects equipment from spikes and voltage surges	\$ 695.00
I-Control Upgrade - Adds Automation including recurring Fresh Water Flush	\$ 1,250.00
Hydrocheck Water Quality Monitor with auto flush, restart and float control for NS300-1200	\$ 1,950.00
Auto start from float switch with timers	\$ 695.00
Auto Fresh Flush at shutdown for NS300-8000	\$ 395.00
Crating Charge NS300-800 \$90.00, NS1200-3000 \$300, NS5000-8000 \$900	
All systems 2000 and larger include auto restart with float control and water quality monitor/ diversion	

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