

# Silver Series™

**Fresh  
Water  
From The  
Sea...  
Reliably.**

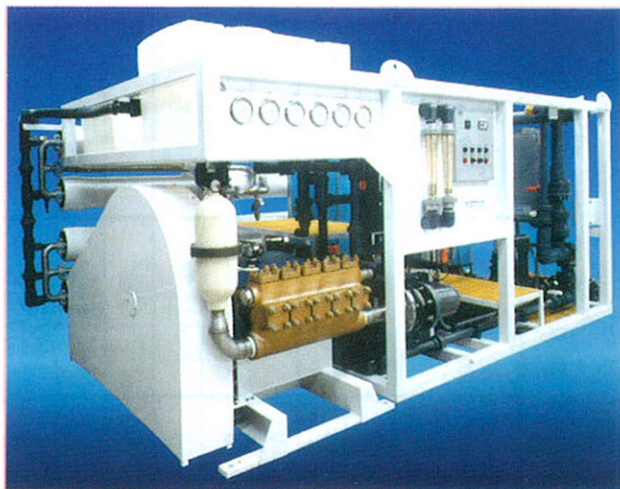


SILVER "A" AND "B"

**M**ATRIX Silver Series™ Watermaker systems are designed and built for applications where space, economy and reliability are of utmost importance.

**OUTSTANDING FEATURES INCLUDE:**

- Triplex or quintuplex positive displacement, ceramic plunger pumps.
- Watertight electrical system, heavy duty, industrial use components.
- Monel glycerin filled pressure gauges at all critical points.
- Vibration isolation mounts/installation hardware.
- FDA approved fittings on all product water lines.
- Powder coated non-corrosive aluminum frame.
- Product quality monitoring and safeguarding.
- Fiberglass non-corrosive pressure vessels.
- Low and high pressure shut-off protection.
- Complete electrical circuit protection.
- Super efficiency TEFC motors.
- Direct assistance from MATRIX technicians during installation and throughout the life of the system.



SILVER "D"

MATRIX Silver Series™ watermakers are suitable for any application:  
Marine: cruiseships, yachts and oil rigs; Land-based: resorts, breweries, power plants and oceanfront estates.

**MATRIX** DESALINATION, INC.

# MATRIX® Silver Series

## SEA WATER REVERSE OSMOSIS SPECIFICATIONS

Model	1st yr Water Production USGPD (M <sup>3</sup> )	Supply/High Pressure Pump h.p.	Power Requirements* 230V / 460V Amps/kW	Membrane Size (dia./Qty (all 40" length))	Rec. (%)	Feed Flow Rate USGPM (LPM)	Power needs KWH/KGal	Crate Shipping Dimensions (inches)	Crate Volume FF (M <sup>3</sup> )	Crate Weight Lbs. (kg)
S600	900 (3.4)	0.5 / 1.5	5 / 1.5	2.5 / 2	18	2.3 (9)	42	54 x 32 x 25	25 (0.7)	255 (116)
S1000	1,400 (5.3)	0.5 / 3.0	8.6 / 2.6	2.5 / 3	19	4.2 (16)	45	54 x 32 x 25	25 (0.7)	320 (145)
S1500	1,800 (6.8)	0.5 / 3.0	8.6 / 2.6	2.5 / 4	21	5 (19)	35	54 x 32 x 25	25 (0.7)	340 (155)
S2600	2,900 (10.9)	1.0 / 7.5	20.4 / 6.34	4 / 2	15	12 (46)	52	65 x 38 x 28	40 (1.2)	680 (296)
S3600	4,200 (15.9)	1.0 / 7.5	20.4 / 6.34	4 / 3	20	12 (46)	36	65 x 38 x 28	40 (1.2)	720 (328)
S4400	5,500 (20.8)	1.0 / 7.5	20.4 / 6.34	4 / 4	25	12 (46)	28	65 x 38 x 28	40 (1.2)	765 (348)
S5300	5,900 (22.4)	1.5 / 15	40 / 12.34	4 / 4	18.4	20 (76)	50	90 x 45 x 45	105 / 3.0	1,070 (437)
S6800	7,800 (29.5)	1.5 / 15	40 / 12.34	4 / 6	23.5	20 (76)	38	90 x 45 x 45	127 / 3.6	1,150 (523)
S8200	9,800 (37.1)	1.5 / 15	40 / 12.34	4 / 8	28.5	20 (76)	30	180 x 54 x 45	253 (7.2)	1,250 (569)
S10000	10,785 (40.8)	2.0 / 15	40.75 / 12.7	8 / 3	36	19.2 / 73	28	170 x 84 x 72	602 (17)	2,338 (1,062)
S14000	15,090 (57.1)	3.0 / 25	34.3 / 20.0	8 / 4	40	24.3 / 92	33	170 x 84 x 72	602 (17)	2,454 (1,115)
S18000	19,350 (73.3)	3.0 / 30	40.4 / 24.6	8 / 6	40	32 / 121	30	170 x 84 x 72	602 (17)	3,536 (1,607)
S24000	25,780 (97.6)	5.0 / 40	55.2 / 33.6	8 / 7	40	42 / 159	31	212 x 102 x 90	1,126 (32)	4,352 (1,978)
S26000	27,875 (106.6)	5.0 / 40	55.2 / 33.6	8 / 8	40	45 / 170	29	212 x 102 x 90	1,126 (32)	4,918 (2,235)
S32000	34,410 (130.3)	5.0 / 50	67.4 / 41.0	8 / 10	40	56 / 212	27	212 x 116 x 90	1,282 (36)	5,850 (2,659)
S36000	38,710 (146.6)	5.0 / 60	79.4 / 48.5	8 / 11	40	63 / 238	30	212 x 116 x 90	1,282 (36)	6,502 (2,955)
S40000	43,020 (162.9)	7.5 / 60	82.7 / 50.4	8 / 12	40	70 / 265	28	212 x 116 x 90	1,282 (36)	6,968 (3,167)
S54000	57,905 (219.2)	10.0 / 75	104 / 63.5	8 / 16	40	94 / 356	26.3	212 x 116 x 90	1,282 (36)	7,772 (3,533)

\*230V up to S10000; 460V from S14000 to S54000. 50Hz available.

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# MATRIX

DESALINATION, INC.

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