

SYSTEM SPECIFICATIONS:**PERFORMANCE:**

PRODUCT WATER PRODUCED PER HOUR AND PER DAY OF OPERATION:

(+ -15% at 850 psig / 56 BAR, 77°F / 25°C & 35,000 PPM TDS Feed Water Salinity)

Model Number	per 1 hour of operation:		per 24 hours of operation:	
	U.S. Gallons / Liters		U.S. Gallons / Liters	
SRC Aqua Whisper 450-1	19	71	450	1703
SRC Aqua Whisper 700-1	29	110	700	2650
SRC Aqua Whisper 900-1	38	142	900	3407
SRC Aqua Whisper 900-2	38	142	900	3407
SRC Aqua Whisper 1400-2	58	221	1400	5300
SRC Aqua Whisper 1800-2	75	284	1800	6814

SALT REJECTION (CHLORIDE ION): 99.4%

PRODUCT WATER TEMPERATURE: Ambient to feed water temperature

SPECIFICATIONS:

SALINITY MONITORING: Automatic computer controlled electronic monitoring. The salinity monitoring components of the system give a continuous readout in micro ohms per cubic centimeter, are temperature compensated and of a fail-safe design.

SALINITY RANGE OF FEED WATER:

Seawater up to 50,000 PPM TDS (NaCl) (typical seawater salinity is 35,000 PPM)

TEMPERATURE RANGE: Max. 122°F / 50°C, Min. 33°F / .5°C**SYSTEM FEED WATER:**

	Alternating Current 50 Hz	Alternating Current 60 Hz
Feed Water Flow Per Hour:	225 U.S. Gallons / 852 Liters	270 U.S. Gallons / 1,022 Liters

REVERSE OSMOSIS MEMBRANE:

TYPE: Specifically selected High Rejection / High Yield aromatic tri-polyamide, thin film composite, spiral wound, single pass reverse osmosis membrane element.

CHLORINE TOLERANCE: 0.1 PPM.**pH RANGE:** 3-11 (typical seawater pH is 8)**SYSTEM PRESSURE:**

FEED WATER: Minimum 6 psi / .42 Kg/cm ² / 41.4 kPa	Maximum 40 psi / 2.8 Kg/cm ² / 275.8 kPa
OPERATION: Seawater @ 35,000 PPM & 77° F / 25° C:	Nominal 800 psi / / 56.25 Kg/cm ² / 5516 kPa