



**AGUAPURA® U.S.A.**  
 REVERSE OSMOSIS SYSTEMS  
 SEA WATER DESALINATION

AGUAPURA U.S.A.

MODEL

SW-18000

18000GPD (750GPH) (12.5GPM) POTABLE WATER PRODUCTION FROM SEAWATER WITH 36000PPM TDS AND 25C TEMPERATURE

LIST OF COMPONENTS

APPROX OPERATING WEIGHT= 1900 POUNDS

1. PREFILTER – REPLACEABLE CARTRIDGE TYPE – 5 MICRON, 4.5" X 20" ELEMENT – GIANT HOUSING – CLEAR BOWL.
2. THREE (3) PLUNGER PUMPS "CAT PUMP CO." MODEL No. 7CP6111 WITH 316 STAINLESS STEEL MANIFOLD, DIRECT DSRIVE AT 1740 R.P.M. 10.5 GPM EACH PUMP CAPACITY AT 950P.S.I. (31.5 GPM TOTAL FEED WATER FOR THE THREE PUMPS).
3. EACH PUMP IS CLOSE COUPLED TO A 7.5HP – 1740RPM MOTOR WIRED FOR OPERATION ON 220/440VOLT-3 PHASE- 60HZ.
4. SIX (6) 1000 PSI – 4" DIAM. X 2 ELEMENT – 316 STAINLESS STEEL PRESSURE VESSELS EACH CONTAINING TWO (2) (TOTAL OF 12) "HYDRANAUTICS" SWCS-4040, 4"D X 40"L SEAWATER R.O. MEMBRANES.
5. SIX (6) PRESSURE GAUGES – ALL 316 STAINLESS STEEL – 3@ 0 TO 1500 PSI. HIGH PRESSURE & 3@ 0-100PSI. LOW PR.
6. THREE NEEDLE VALVES (ONE FOR EACH SYSTEM) ALL 316 STAINLESS STEEL CONSTRUCTION.
7. PULSATON DAMPERS 316 STAINLESS STEEL BASE. (ONE FOR EACH PUMP) "CAT PUMPS" NO. SS-6029
8. THREE (3) PRESSURE RELIEF VALVES (ONE FOR EACH PUMP).
9. SUPPORT FRAME CONSTRUCTED OF HEAVY DUTY FIBERGLASS CHANNEL WITH FIBERGLASS FITTINGS, AND STAINLESS STEEL BOLTS
10. THREE NEMA 4 FIBERGLASS ELECTRIC BOX CONTAINING MOTOR CONTACTOR AND CONTROLS (ONE PER MOTOR)
11. THREE LOW FEED WATER PRESSURE CUTOFF SWITCHES WITH FIBERGLASS REINF. PLASTIC BASE FOR SEA WATER CONNECTION.

