

# AGUAPURA U.S.A.

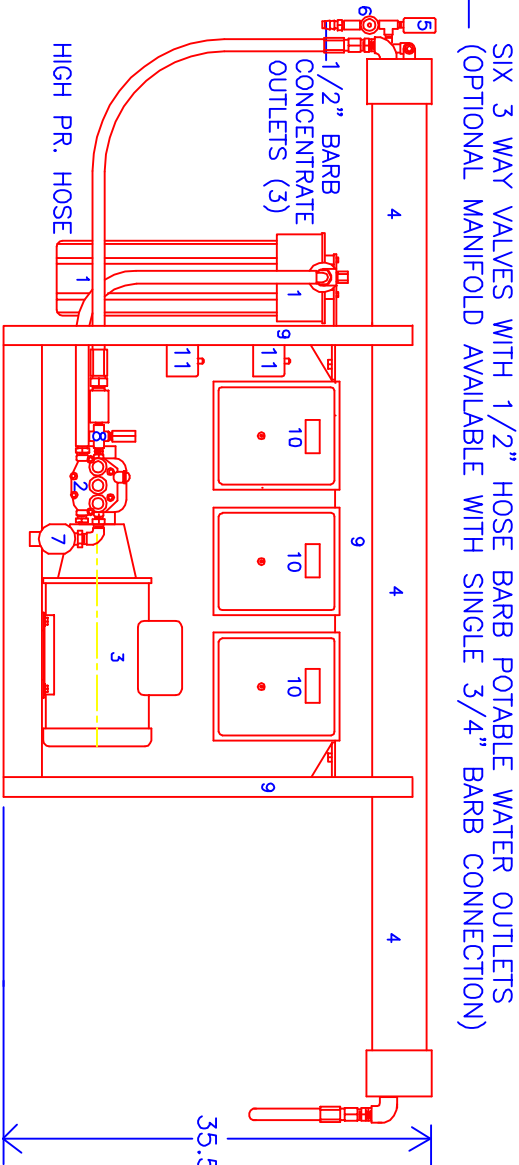
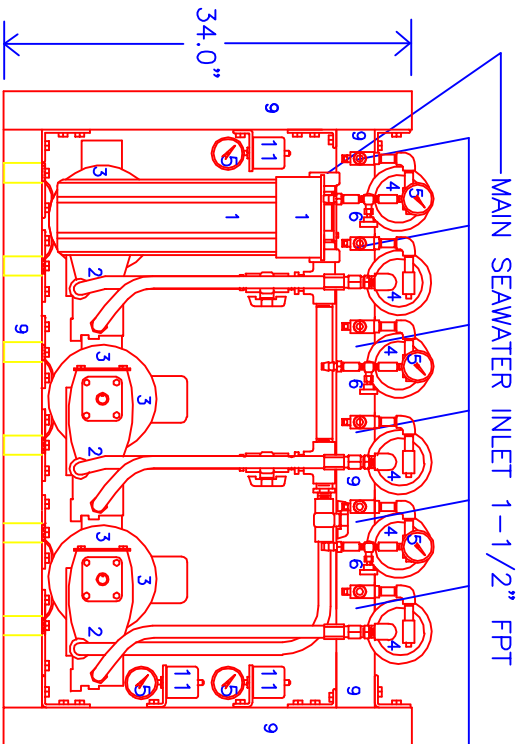
# MODEL SW-12000

12000GPD (500GPH) POTABLE WATER PRODUCTION FROM SEAWATER WITH 36000PPM TDS AND 25C TEMPERATURE

## LIST OF COMPONENTS

APPROX OPERATING WEIGHT= 1100 POUNDS

1. PREFILTERER – REPLACEABLE CARTRIDGE TYPE – 5 MICRON, 4.5" X 20" ELEMENT – GIANT HOUSING – CLEAR BOWL.
2. THREE (3) PLUNGER PUMPS "CAT PUMP CO." MODEL No. 5CP6221 WITH 316 STAINLESS STEEL MANIFOLD, DIRECT DRIVE AT 1740 R.P.M. 7.2 GPM EACH PUMP AT 900 P.S.I. (21.6 GPM TOTAL FEED WATER).
3. EACH PUMP CLOSE COUPLED TO A 5HP – 1740RPM MOTOR-230VOLT-1 PHASE- 60HZ. (OPTIONAL 3 PHASE)
4. SIX (6) 1000 PSI – 4" DIAM. X 2 ELEMENT – FIBERGLASS PRESSURE VESSELS EACH CONTAINING TWO (2) (TOTAL OF 12) "HYDRANAUTICS" SWC5-4040, 4"D X 40"L SEAWATER R.O. MEMBRANES.
5. SIX (6) PRESSURE GAUGES – ALL 316 STAINLESS STEEL – 0 TO 1500 PSI. HIGH PRESSURE & 0-100PSI. LOW PR.
6. NEEDLE VALVES (THREE REQUIRED) 316 STAINLESS STEEL
7. PULSATION DAMPERS 316 STAINLESS STEEL BASE. (ONE PER PUMP) "CAT PUMPS" NO. SS-6029
8. THREE (3) PRESSURE RELIEF VALVES (ONE PER PUMP) CAT PUMPS NO. 7190
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 (ONE PER PUMP)



## FRONT VIEW

## SIDE VIEW