

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

AGUAPURA U.S.A. MODEL SW-13500A

13500GPD (563GPH) POTABLE WATER PRODUCTION FROM SEAWATER WITH 36000PPM TDS AND 25C TEMPERATURE

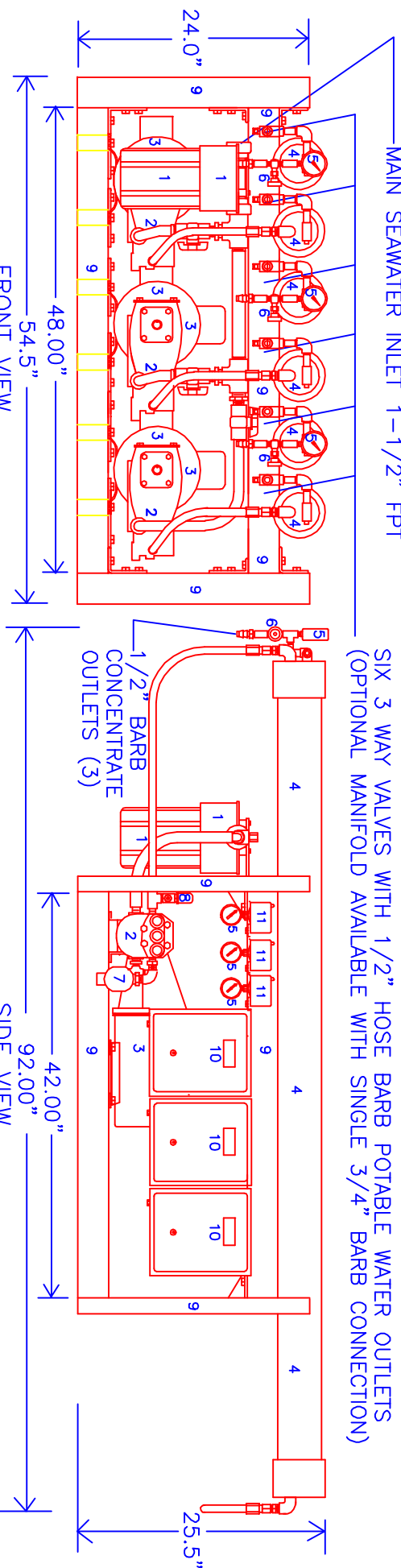
LIST OF COMPONENTS

APPROX. OPERATING WEIGHT = 1,400 POUNDS

1. PREFILTER – REPLACEABLE CARTRIDGE TYPE – 5 MICRON, 4.5" X 10" ELEMENT
2. THREE (3) PLUNGER PUMPS. "CAT PUMP CO." MODEL No. 5CP6221 WITH 316 STAINLESS STEEL MANIFOLD, DIRECT DRIVEN AT 1740 R.P.M. 7.4 GPM EACH PUMP AT 900 P.S.I. (22.2 GPM TOTAL FEED WATER)
3. EACH PUMP CLOSE COUPLED TO A 5HP, "C" FACE, ODP MOTOR – 230VOLT – 1 PHASE – 60HZ.
4. SIX (6) 1000 PSI – 4" DIAM. X 2 ELEMENT – STAINLESS STEEL PRESSURE VESSELS EACH CONTAINING TWO (TOTAL OF 12) 4"D X 40"L HYDRANAUTICS SWC5-LD4040 SEAWATER R.O. MEMBRANES.
5. SIX (6) PRESSURE GAUGES – LIQUID FILLED – 3@ 0-100 PSI AND 3@ 0-1500PSI ALL 316 STAINLESS STEEL
6. NEEDLE VALVES (THREE REQUIRED) 316 STAINLESS STEEL
7. PULSATION DAMPERS WITH 316 STAINLESS STEEL BASE. (ONE PER PUMP)
8. 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 BOXES, EACH CONTAINING MOTOR CONTACTOR AND CONTROLS.
11. THREE LOW FEED WATER PRESSURE CUTOFF SWITCHES WITH FIBERGLAS REINF. PLASTIC DIAPHRAGM BASE.

MAIN SEAWATER INLET 1-1/2" FPT

SIX 3 WAY VALVES WITH 1/2" HOSE BARB POTABLE WATER OUTLETS
(OPTIONAL MANIFOLD AVAILABLE WITH SINGLE 3/4" BARB CONNECTION)



FRONT VIEW

SIDE VIEW