



6000GPD (252GPH) (4.2GPM) POTABLE WATER PRODUCTION FROM SEAWATER WITH 36000PPM TDS AND 25C TEMPERATURE  
 APPROX OPERATING WEIGHT= 800 POUNDS

LIST OF COMPONENTS

1. PREFILTER – REPLACEABLE CARTRIDGE TYPE – 5 MICRON, 4.5" X 20" ELEMENT – GIANT HOUSING – CLEAR BOWL.
2. ONE (1) PLUNGER PUMP "CAT PUMP CO." MODEL NO. 7CP6111 WITH 316 STAINLESS STEEL MANIFOLD, DIRECT DRIVEN AT 1750 R.P.M. DELIVERING A CONSTANT FLOW OF 10.5 GPM AT 950P.S.I.
3. THE PUMP IS CLOSE COUPLED TO A 7.5HP-1750RPM "C"FACE, TEFC, MOTOR WIRED FOR 230V-3PHASE-60HZ.
4. FOUR (4) 1000 PSI – 4" DIAM. SINGLE ELEMENT – FIBERGLASS (FRP) PRESSURE VESSELS EACH CONTAINING ONE (1) (TOTAL OF 4 ) "HYDRANAUTICS" SWC5-4040, 4"D x 40"L SEAWATER R.O. MEMBRANES.
5. TWO (2) PRESSURE GAUGES-ALL 316 STAINLESS STEEL-1@ 0 TO 1500 PSI. HIGH PRESSURE & 1@ 0-100PSI. LOW PR.
6. NEEDLE VALVE FOR CONTROL OF SYSTEM PRESSURE ALL 316 STAINLESS STEEL CONSTRUCTION.
7. PULSATION DAMPER WITH 316 STAINLESS STEEL BASE. "CAT PUMPS" NO. SS-6029
8. PRESSURE RELIEF VALVE SET TO OPEN AT 980P.S.I.
9. SUPPORT FRAME CONSTRUCTED OF HEAVY DUTY, CORROSION FREE, STRUCTURAL FIBERGLASS CHANNEL WITH FIBERGLASS FITTINGS, AND STAINLESS STEEL BOLTS
10. NEMA 4 FIBERGLASS ELECTRIC BOX CONTAINING TIME DELAY RELAY AND, MOTOR CONTACTOR FOR SYSTEM CONTROL.
11. LOW SEAWATER PRESSURE CUTOFF SWITCH WITH CORROSION FREE FIBERGLASS BASE FOR DIAPHRAM ENCLOSURE.

