

4500GPD (188GPH) POTABLE WATER PRODUCTION FROM SEAWATER WITH 36000PPM TDS AND 25C TEMPERATURE

LIST OF COMPONENTS

APPROX. OPERATING WT.= 400POUNDS

1. PREFILTER – REPLACEABLE CARTRIDGE TYPE – 5 MICRON, 4.5”D x 10”L ELEMENT – GIANT HOUSING – CLEAR BOWL.
2. PLUNGER PUMP “CAT PUMP CO.” MODEL No. 5CP6221 – 316 STAINLESS STEEL MANIFOLD STANDARD DIRECT DRIVE AT 1740 RPM – 7.4 GPM @ 900 PSI
3. 5 Hp MOTOR – DIRECT DRIVE – 1740 RPM – 230 VOLT – 1 PHASE – 60 HZ (OPTIONAL 3 PHASE)
4. TWO (2) 1000 PSI – 4” DIAM. X 86” LONG – STAINLESS STL. PRESSURE VESSELS EACH CONTAINING TWO (2) (TOTAL OF 4) “HYDRANAUTICS” SWC5-LD4040, 4” D x 40” L SEAWATER MEMBRANES.
5. PRESSURE GAUGES (2) – LIQUID FILLED – STAINLESS STEEL– 0 TO 1500 PSI HIGH PRESSURE & 0 –100 PSI LOW PR.
6. 316 STAINLESS STEEL NEEDLE VALVE – “PARKER” No. 4F-V6LN-SS.
7. PULSATION DAMPER – NITROGEN PRECHARGED BLADDER TYPE WITH 316 ST. STL. BASE “CAT PUMP” NO. SS-6029
8. PRESSURE RELIEF VALVE “CAT PUMP NO. 7190
9. LOW FEED WATER PRESSURE CUTOFF SWITCH, WITH 1/4”FPT FIBERGLASS REINFORCED DIAPHRAGM BASE.
10. ELECTRIC MOTOR CONTACTOR AND CONTROLS IN “HOFFMAN” A1086 FIBERGLASS NEMA 4X BOX ENCLOSURE.
11. PURIFIED WATER 3 WAY VALVES (2) FOR SAMPLING AND CONNECTING PURIFIED WATER WITH 1/2” HOSE BARB OUTLETS

