

**Sunpumps High Pressure Plunger Pump
Model SIJ 2.2-1000P-105 BL**



SunPumps High Pressure Plunger Pump

Model SIJ 2.2-1000P-105 BL

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	60	2.01	1.49	5.6	121	151	0%
100	231	70	60	3.20	1.45	5.5	192	240	33%
200	462	141	60	4.39	1.42	5.4	263	329	47%
300	693	211	60	5.51	1.38	5.2	331	413	55%
400	924	282	60	6.63	1.35	5.1	398	497	59%
500	1155	352	60	7.68	1.31	5.0	461	576	62%
600	1386	423	60	8.74	1.28	4.8	524	656	64%
700	1617	493	60	9.87	1.25	4.7	592	740	64%
800	1848	563	60	10.93	1.21	4.6	656	820	64%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	75	2.07	1.87	7.1	155	194	0%
100	231	70	75	3.22	1.84	6.9	242	302	33%
200	462	141	75	4.37	1.80	6.8	328	410	48%
300	693	211	75	5.50	1.77	6.7	413	516	56%
400	924	282	75	6.63	1.73	6.5	497	622	61%
500	1155	352	75	7.69	1.70	6.4	577	721	64%
600	1386	423	75	8.77	1.66	6.3	658	822	66%
700	1617	493	75	9.82	1.62	6.1	737	921	67%
800	1848	563	75	10.86	1.58	6.0	815	1018	68%
900	2079	634	75	11.95	1.54	5.8	896	1120	67%
1000	2310	704	75	12.94	1.50	5.7	971	1213	67%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	90	2.06	2.20	8.3	185	232	0%
100	231	70	90	3.27	2.17	8.2	294	368	32%
200	462	141	90	4.48	2.13	8.1	403	504	46%
300	693	211	90	5.59	2.10	7.9	503	629	54%
400	924	282	90	6.65	2.06	7.8	599	748	60%
500	1155	352	90	7.70	2.03	7.7	693	866	64%
600	1386	423	90	8.80	2.00	7.6	792	990	66%
700	1617	493	90	9.88	1.97	7.5	889	1112	67%
800	1848	563	90	10.86	1.93	7.3	977	1222	69%
900	2079	634	90	11.87	1.90	7.2	1068	1335	70%
1000	2310	704	90	12.85	1.87	7.1	1157	1446	70%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	105	2.32	2.50	9.5	244	305	0%
100	231	70	105	3.48	2.47	9.3	365	457	29%
200	462	141	105	4.64	2.43	9.2	487	609	43%
300	693	211	105	5.74	2.40	9.1	603	753	52%
400	924	282	105	6.78	2.36	8.9	712	890	58%
500	1155	352	105	7.82	2.33	8.8	821	1026	62%
600	1386	423	105	8.92	2.30	8.7	937	1171	64%
700	1617	493	105	9.97	2.27	8.6	1047	1309	66%
800	1848	563	105	10.90	2.24	8.5	1145	1431	68%
900	2079	634	105	11.90	2.20	8.3	1250	1562	69%
1000	2310	704	105	12.89	2.17	8.2	1353	1692	70%

* Solar array watts using a 20% deration factor.