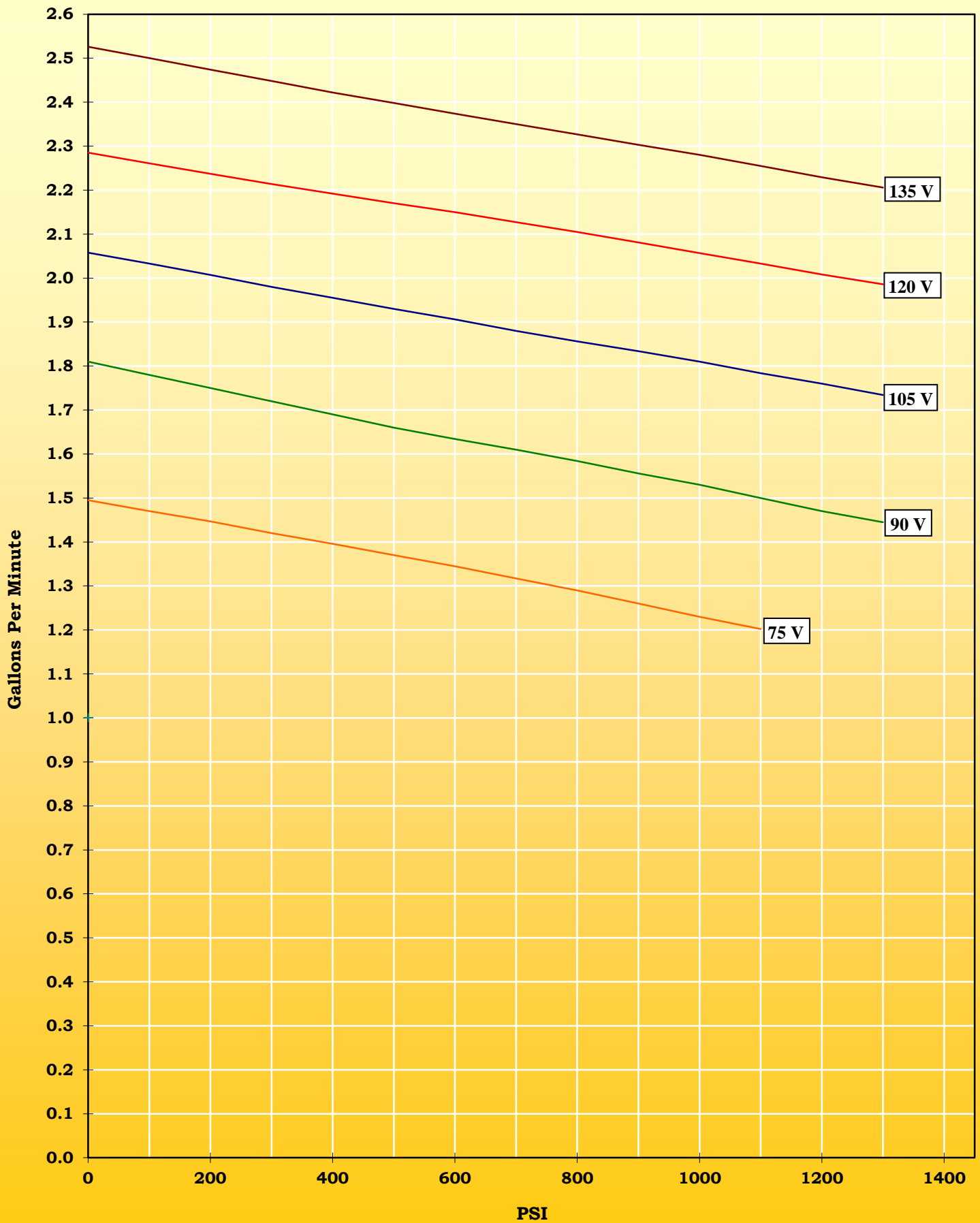


**Sunpumps High Pressure Plunger Pump  
Model SIJ 2.2-1300P-135 BL**



## SunPumps High Pressure Plunger Pump Model SIJ 2.2-1300P-135 BL

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	75	1.40	1.50	5.7	105	131	0%
100	231	70	75	2.34	1.47	5.6	176	219	36%
200	462	141	75	3.28	1.45	5.5	246	308	51%
300	693	211	75	4.14	1.42	5.4	311	388	60%
400	924	282	75	5.03	1.40	5.3	377	472	64%
500	1155	352	75	5.84	1.37	5.2	438	548	68%
600	1386	423	75	6.68	1.35	5.1	501	626	70%
700	1617	493	75	7.57	1.32	5.0	568	710	71%
800	1848	563	75	8.28	1.29	4.9	621	776	72%
900	2079	634	75	9.14	1.26	4.8	686	857	72%
1000	2310	704	75	10.00	1.23	4.7	750	938	71%
1100	2541	775	75	10.82	1.20	4.5	812	1014	71%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	90	1.36	1.81	6.9	122	153	0%
100	231	70	90	2.34	1.78	6.7	211	263	37%
200	462	141	90	3.32	1.75	6.6	299	374	51%
300	693	211	90	4.20	1.72	6.5	378	473	59%
400	924	282	90	5.07	1.69	6.4	456	570	64%
500	1155	352	90	5.84	1.66	6.3	526	657	69%
600	1386	423	90	6.73	1.63	6.2	606	757	70%
700	1617	493	90	7.58	1.61	6.1	682	853	72%
800	1848	563	90	8.35	1.58	6.0	752	939	73%
900	2079	634	90	9.18	1.56	5.9	826	1033	74%
1000	2310	704	90	9.95	1.53	5.8	896	1119	74%
1100	2541	775	90	10.81	1.50	5.7	973	1216	74%
1200	2772	845	90	11.62	1.47	5.6	1046	1307	73%
1300	3003	916	90	12.47	1.45	5.5	1122	1403	73%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	105	1.48	2.06	7.8	155	194	0%
100	231	70	105	2.42	2.03	7.7	254	318	35%
200	462	141	105	3.36	2.01	7.6	353	441	50%
300	693	211	105	4.24	1.98	7.5	445	557	58%
400	924	282	105	5.12	1.96	7.4	538	672	63%
500	1155	352	105	5.95	1.93	7.3	625	781	67%
600	1386	423	105	6.76	1.91	7.2	710	887	70%
700	1617	493	105	7.53	1.88	7.1	791	988	72%
800	1848	563	105	8.37	1.86	7.0	879	1099	74%
900	2079	634	105	9.19	1.83	6.9	965	1206	74%
1000	2310	704	105	9.98	1.81	6.9	1048	1310	75%
1100	2541	775	105	10.75	1.78	6.8	1129	1411	76%
1200	2772	845	105	11.56	1.76	6.7	1214	1517	76%
1300	3003	916	105	12.34	1.73	6.6	1296	1620	76%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	120	1.67	2.29	8.6	200	251	0%
100	231	70	120	2.59	2.26	8.6	311	389	32%
200	462	141	120	3.51	2.24	8.5	421	527	46%
300	693	211	120	4.38	2.21	8.4	526	657	55%
400	924	282	120	5.24	2.19	8.3	629	786	61%
500	1155	352	120	6.02	2.17	8.2	722	903	65%
600	1386	423	120	6.82	2.15	8.1	818	1023	69%
700	1617	493	120	7.62	2.13	8.1	914	1143	71%
800	1848	563	120	8.43	2.11	8.0	1012	1265	72%
900	2079	634	120	9.16	2.08	7.9	1099	1374	74%
1000	2310	704	120	10.01	2.06	7.8	1201	1502	75%
1100	2541	775	120	10.77	2.03	7.7	1292	1616	75%
1200	2772	845	120	11.57	2.01	7.6	1388	1736	76%
1300	3003	916	120	12.37	1.99	7.5	1484	1856	76%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	135	1.82	2.53	9.6	246	307	0%
100	231	70	135	2.70	2.50	9.5	365	456	30%
200	462	141	135	3.58	2.47	9.4	483	604	45%
300	693	211	135	4.41	2.45	9.3	595	744	54%
400	924	282	135	5.21	2.42	9.2	703	879	60%
500	1155	352	135	6.02	2.40	9.1	813	1016	64%
600	1386	423	135	6.83	2.37	9.0	922	1153	67%
700	1617	493	135	7.60	2.35	8.9	1026	1283	70%
800	1848	563	135	8.41	2.33	8.8	1135	1419	71%
900	2079	634	135	9.21	2.30	8.7	1243	1554	73%
1000	2310	704	135	9.99	2.28	8.6	1349	1686	74%
1100	2541	775	135	10.77	2.26	8.5	1454	1817	74%
1200	2772	845	135	11.55	2.23	8.4	1559	1949	75%
1300	3003	916	135	12.32	2.21	8.3	1663	2079	75%

\* Solar array watts using a 20% deration factor.