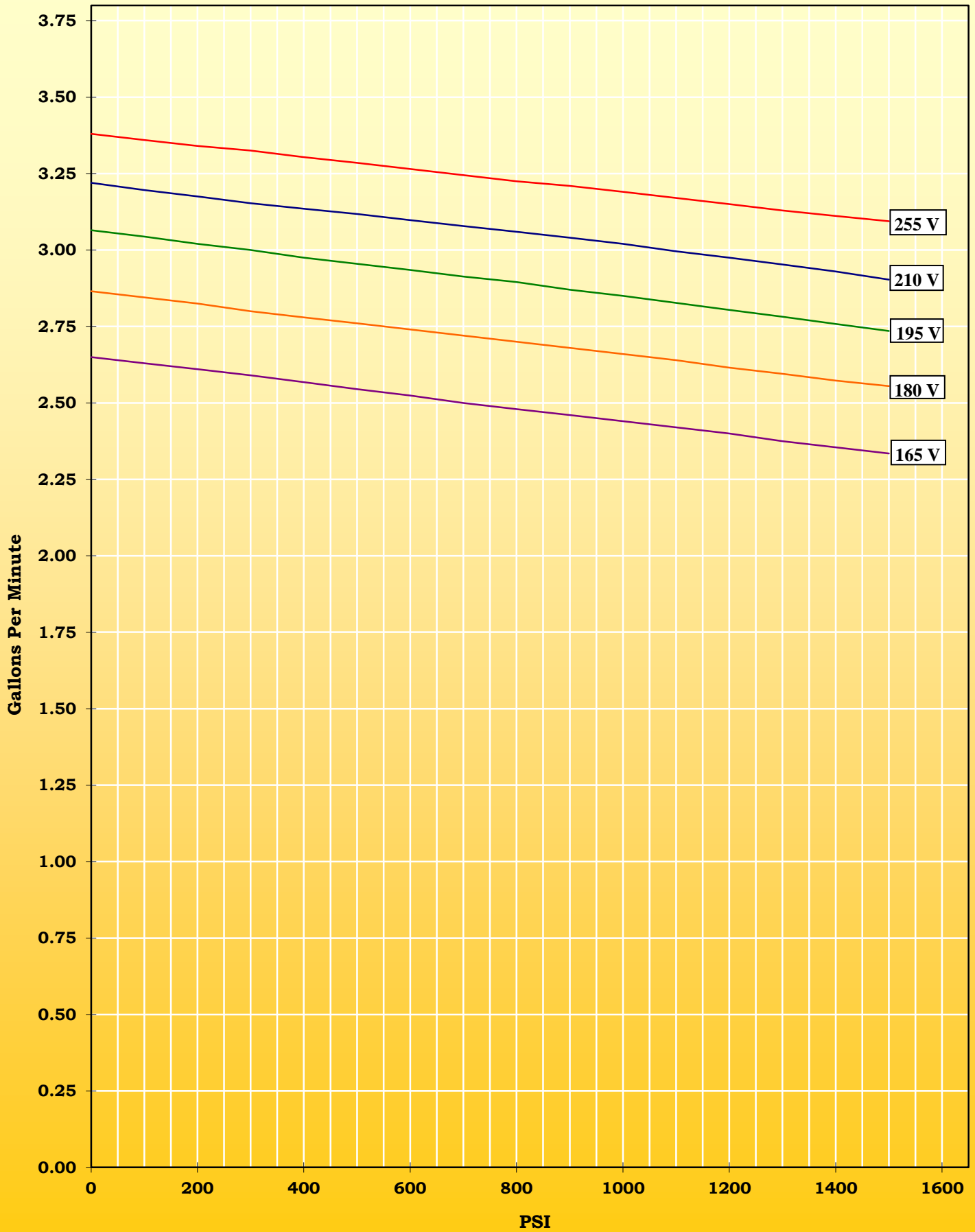


Sunpumps High Pressure Plunger Pump Model SIJ 3.1-1500P-225 BL



**SunPumps High Pressure Plunger Pump
Model SIJ 3.1-1500P-225 BL**

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	165	1.66	2.65	10.0	274	342	0%
100	231	70	165	2.39	2.63	10.0	394	493	29%
200	462	141	165	3.19	2.61	9.9	526	658	43%
300	693	211	165	3.93	2.59	9.8	648	811	52%
400	924	282	165	4.64	2.57	9.7	766	957	58%
500	1155	352	165	5.39	2.55	9.6	889	1112	62%
600	1386	423	165	6.11	2.52	9.6	1008	1260	65%
700	1617	493	165	6.78	2.50	9.5	1119	1398	68%
800	1848	563	165	7.52	2.48	9.4	1241	1551	70%
900	2079	634	165	8.22	2.46	9.3	1356	1695	71%
1000	2310	704	165	8.88	2.44	9.2	1465	1832	72%
1100	2541	775	165	9.57	2.42	9.2	1579	1974	73%
1200	2772	845	165	10.29	2.40	9.1	1698	2122	74%
1300	3003	916	165	10.93	2.38	9.0	1803	2254	75%
1400	3234	986	165	11.58	2.36	8.9	1911	2388	75%
1500	3465	1056	165	12.28	2.34	8.8	2026	2533	75%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	180	1.66	2.87	10.8	299	374	0%
100	231	70	180	2.39	2.85	10.8	430	538	29%
200	462	141	180	3.23	2.83	10.7	581	727	42%
300	693	211	180	3.96	2.80	10.6	713	891	51%
400	924	282	180	4.69	2.78	10.5	844	1055	57%
500	1155	352	180	5.37	2.76	10.4	967	1208	62%
600	1386	423	180	6.08	2.74	10.4	1094	1368	65%
700	1617	493	180	6.77	2.72	10.3	1219	1523	68%
800	1848	563	180	7.46	2.70	10.2	1343	1679	70%
900	2079	634	180	8.18	2.68	10.1	1472	1841	71%
1000	2310	704	180	8.84	2.66	10.1	1591	1989	73%
1100	2541	775	180	9.52	2.64	10.0	1714	2142	74%
1200	2772	845	180	10.18	2.62	9.9	1832	2291	75%
1300	3003	916	180	10.85	2.60	9.8	1953	2441	75%
1400	3234	986	180	11.51	2.57	9.7	2072	2590	76%
1500	3465	1056	180	12.15	2.56	9.7	2187	2734	76%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	195	1.74	3.07	11.6	339	424	0%
100	231	70	195	2.49	3.04	11.5	486	607	27%
200	462	141	195	3.24	3.02	11.4	632	790	42%
300	693	211	195	3.97	3.00	11.4	774	968	51%
400	924	282	195	4.70	2.98	11.3	917	1146	57%
500	1155	352	195	5.34	2.96	11.2	1041	1302	62%
600	1386	423	195	6.02	2.94	11.1	1174	1467	65%
700	1617	493	195	6.75	2.91	11.0	1316	1645	67%
800	1848	563	195	7.44	2.90	11.0	1451	1814	69%
900	2079	634	195	8.11	2.87	10.9	1581	1977	71%
1000	2310	704	195	8.80	2.85	10.8	1716	2145	72%
1100	2541	775	195	9.51	2.83	10.7	1854	2318	73%
1200	2772	845	195	10.22	2.80	10.6	1993	2491	73%
1300	3003	916	195	10.90	2.78	10.5	2126	2657	74%
1400	3234	986	195	11.60	2.76	10.4	2262	2828	74%
1500	3465	1056	195	12.23	2.74	10.4	2385	2981	75%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	210	1.91	3.22	12.2	401	501	0%
100	231	70	210	2.64	3.20	12.1	554	693	25%
200	462	141	210	3.37	3.18	12.0	708	885	39%
300	693	211	210	4.10	3.15	11.9	861	1076	48%
400	924	282	210	4.84	3.14	11.9	1016	1271	54%
500	1155	352	210	5.60	3.12	11.8	1176	1470	58%
600	1386	423	210	6.29	3.10	11.7	1321	1651	61%
700	1617	493	210	6.97	3.08	11.7	1464	1830	64%
800	1848	563	210	7.66	3.06	11.6	1609	2011	66%
900	2079	634	210	8.31	3.04	11.5	1745	2181	68%
1000	2310	704	210	8.93	3.02	11.4	1875	2344	70%
1100	2541	775	210	9.49	3.00	11.3	1993	2491	72%
1200	2772	845	210	10.14	2.98	11.3	2129	2662	73%
1300	3003	916	210	10.82	2.95	11.2	2272	2840	74%
1400	3234	986	210	11.42	2.93	11.1	2398	2998	74%
1500	3465	1056	210	12.08	2.90	11.0	2537	3171	75%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	225	2.27	3.38	12.8	511	638	0%
100	231	70	225	2.83	3.36	12.7	637	796	23%
200	462	141	225	3.56	3.34	12.6	801	1001	36%
300	693	211	225	4.12	3.33	12.6	927	1159	47%
400	924	282	225	4.87	3.30	12.5	1096	1370	52%
500	1155	352	225	5.56	3.29	12.4	1251	1564	57%
600	1386	423	225	6.23	3.27	12.4	1402	1752	61%
700	1617	493	225	6.89	3.25	12.3	1550	1938	64%
800	1848	563	225	7.56	3.23	12.2	1701	2126	66%
900	2079	634	225	8.27	3.21	12.1	1861	2326	68%
1000	2310	704	225	8.96	3.19	12.1	2016	2520	69%
1100	2541	775	225	9.60	3.17	12.0	2160	2700	70%
1200	2772	845	225	10.32	3.15	11.9	2322	2903	71%
1300	3003	916	225	10.95	3.13	11.8	2464	3080	72%
1400	3234	986	225	11.66	3.11	11.8	2624	3279	72%
1500	3465	1056	225	12.26	3.09	11.7	2759	3448	73%

* Solar array watts using a 20% deration factor.