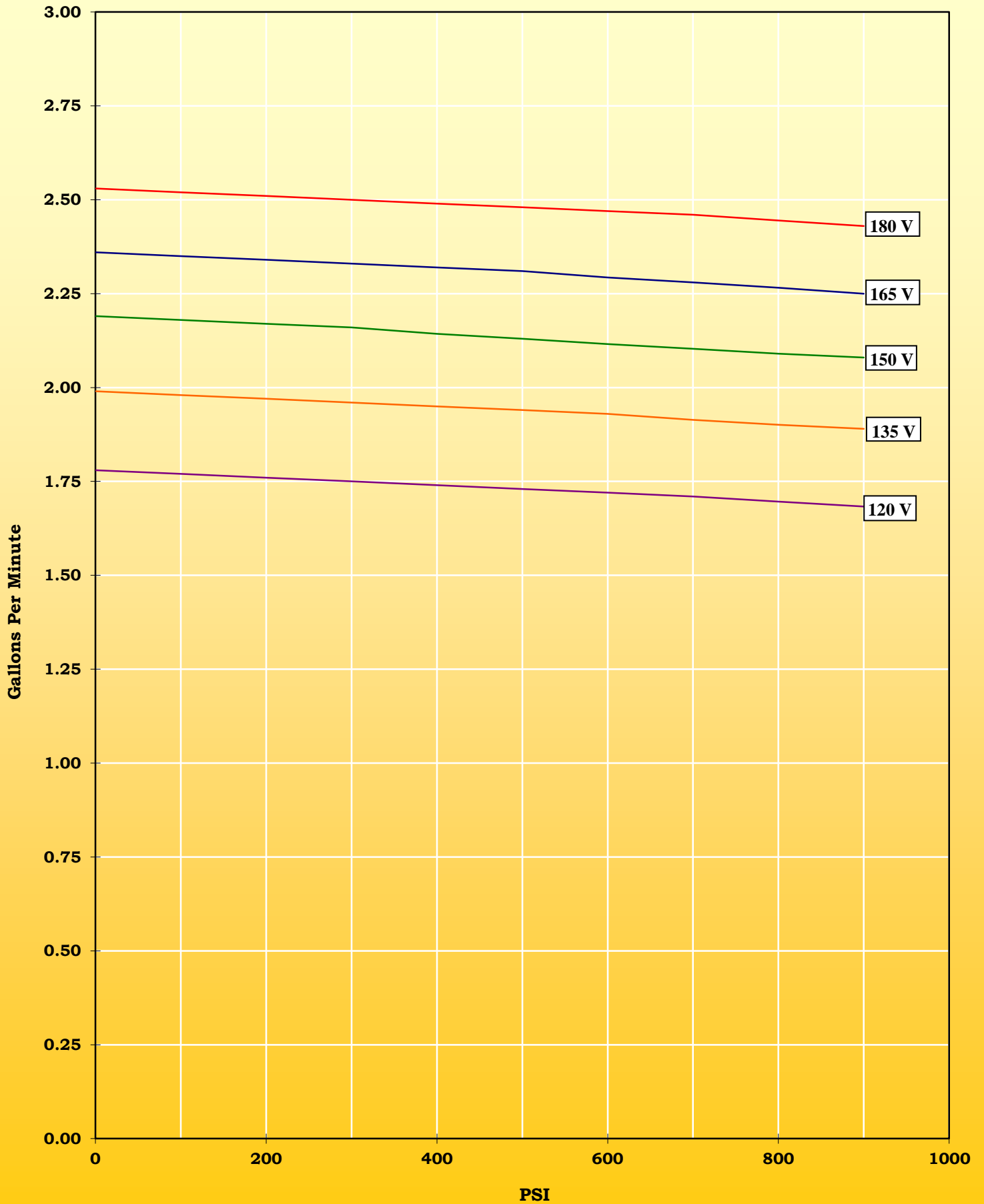


Sunpumps High Pressure Plunger Pump Model SIJ 2.4-900P-180 BT



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PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	120	1.18	1.78	6.7	142	177	0%
100	231	70	120	1.86	1.77	6.7	223	279	35%
200	462	141	120	2.65	1.76	6.7	318	398	48%
300	693	211	120	3.30	1.75	6.6	396	495	58%
400	924	282	120	3.93	1.74	6.6	472	590	64%
500	1155	352	120	4.55	1.73	6.5	546	683	69%
600	1386	423	120	5.27	1.72	6.5	632	791	71%
700	1617	493	120	5.85	1.71	6.5	702	878	74%
800	1848	563	120	6.46	1.70	6.4	775	969	76%
900	2079	634	120	7.15	1.68	6.4	858	1073	77%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	135	1.25	1.99	7.5	169	211	0%
100	231	70	135	1.95	1.98	7.5	263	329	33%
200	462	141	135	2.66	1.97	7.5	359	449	48%
300	693	211	135	3.31	1.96	7.4	447	559	57%
400	924	282	135	3.97	1.95	7.4	536	670	63%
500	1155	352	135	4.60	1.94	7.3	621	776	68%
600	1386	423	135	5.21	1.93	7.3	703	879	72%
700	1617	493	135	5.86	1.91	7.2	791	989	74%
800	1848	563	135	6.50	1.90	7.2	878	1097	75%
900	2079	634	135	7.12	1.89	7.2	961	1202	77%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	150	1.30	2.19	8.3	195	244	0%
100	231	70	150	2.02	2.18	8.3	303	379	31%
200	462	141	150	2.73	2.17	8.2	410	512	46%
300	693	211	150	3.42	2.16	8.2	513	641	55%
400	924	282	150	4.03	2.14	8.1	605	756	62%
500	1155	352	150	4.67	2.13	8.1	701	876	66%
600	1386	423	150	5.32	2.12	8.0	798	998	69%
700	1617	493	150	5.93	2.10	8.0	890	1112	72%
800	1848	563	150	6.54	2.09	7.9	981	1226	74%
900	2079	634	150	7.19	2.08	7.9	1079	1348	76%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	165	1.31	2.36	8.9	216	270	0%
100	231	70	165	2.01	2.35	8.9	332	415	31%
200	462	141	165	2.70	2.34	8.9	446	557	46%
300	693	211	165	3.40	2.33	8.8	561	701	54%
400	924	282	165	4.05	2.32	8.8	668	835	60%
500	1155	352	165	4.64	2.31	8.7	766	957	66%
600	1386	423	165	5.30	2.29	8.7	875	1093	68%
700	1617	493	165	5.94	2.28	8.6	980	1225	71%
800	1848	563	165	6.55	2.27	8.6	1081	1351	73%
900	2079	634	165	7.17	2.25	8.5	1183	1479	74%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	180	1.36	2.53	9.6	245	306	0%
100	231	70	180	2.06	2.52	9.5	371	464	30%
200	462	141	180	2.76	2.51	9.5	497	621	44%
300	693	211	180	3.44	2.50	9.5	619	774	53%
400	924	282	180	4.09	2.49	9.4	736	920	59%
500	1155	352	180	4.67	2.48	9.4	841	1051	64%
600	1386	423	180	5.33	2.47	9.3	959	1199	67%
700	1617	493	180	5.89	2.46	9.3	1060	1325	71%
800	1848	563	180	6.54	2.45	9.3	1177	1472	72%
900	2079	634	180	7.19	2.43	9.2	1294	1618	74%

* Solar array watts using a 20% deration factor.