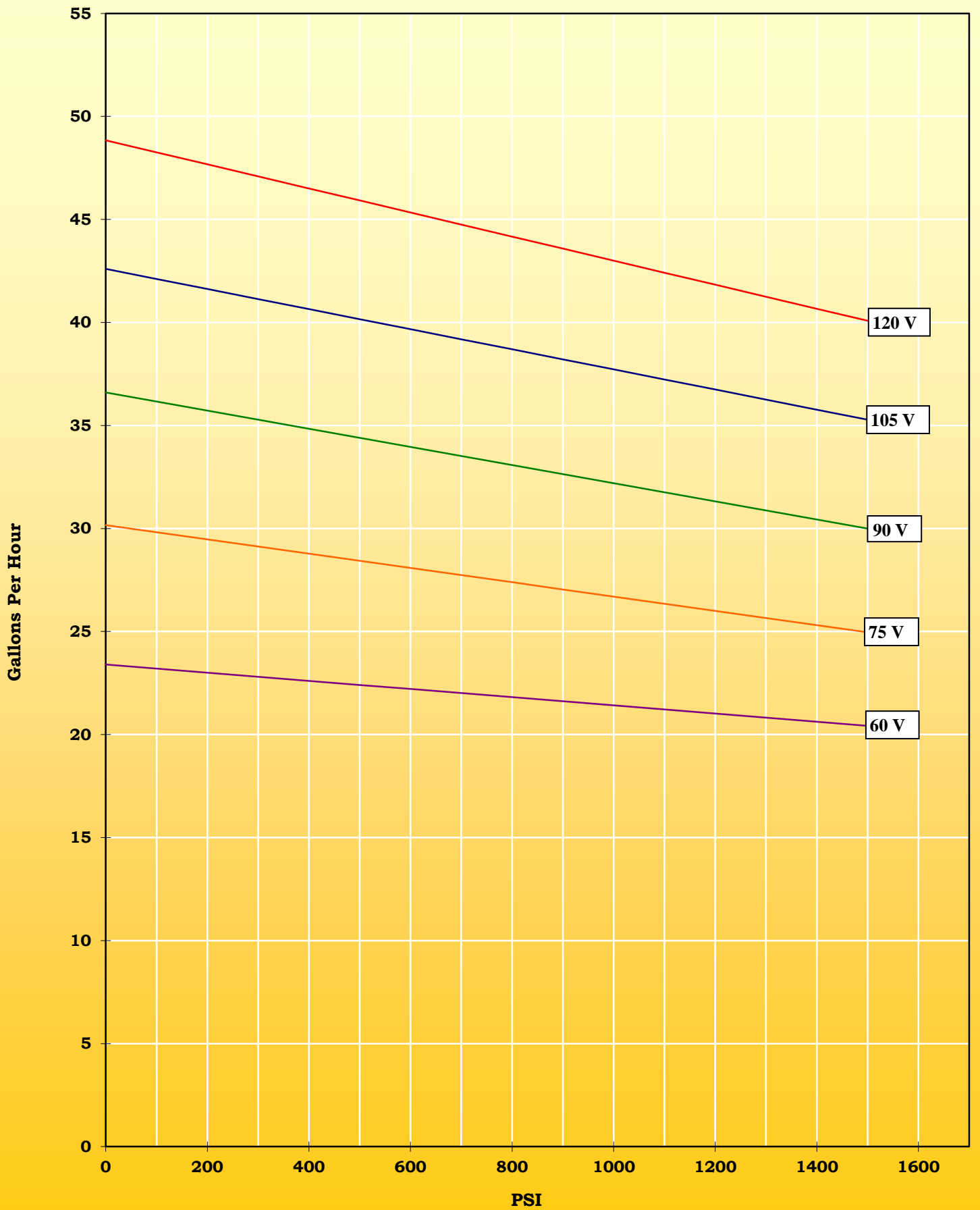


**High Pressure Plunger Pump
Model SIJ .67-1500P-120 BL**



SunPumps High Pressure Plunger Pump
Model SIJ .67-1500P-120 BL

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	Gallons Per Hour	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	60	2.25	0.390	23.4	1.5	135	169	0%
100	231	70	60	2.60	0.387	23.2	1.5	156	195	11%
200	462	141	60	2.87	0.383	23.0	1.5	172	215	19%
300	693	211	60	3.20	0.380	22.8	1.4	192	240	26%
400	924	282	60	3.53	0.377	22.6	1.4	212	265	31%
500	1155	352	60	3.85	0.373	22.4	1.4	231	289	35%
600	1386	423	60	4.12	0.370	22.2	1.4	247	309	39%
700	1617	493	60	4.33	0.367	22.0	1.4	260	325	43%
800	1848	563	60	4.69	0.364	21.8	1.4	281	352	45%
900	2079	634	60	4.99	0.360	21.6	1.4	299	374	47%
1000	2310	704	60	5.23	0.357	21.4	1.4	314	392	49%
1100	2541	775	60	5.51	0.354	21.2	1.3	331	413	51%
1200	2772	845	60	5.87	0.350	21.0	1.3	352	440	52%
1300	3003	916	60	6.11	0.347	20.8	1.3	367	458	54%
1400	3234	986	60	6.47	0.344	20.6	1.3	388	485	54%
1500	3465	1056	60	6.75	0.340	20.4	1.3	405	506	55%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	Gallons Per Hour	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	75	2.17	0.503	30.2	1.9	163	203	0%
100	231	70	75	2.57	0.497	29.8	1.9	193	241	11%
200	462	141	75	2.94	0.491	29.5	1.9	221	276	19%
300	693	211	75	3.25	0.485	29.1	1.8	244	305	26%
400	924	282	75	3.59	0.480	28.8	1.8	269	337	31%
500	1155	352	75	3.89	0.474	28.4	1.8	292	365	35%
600	1386	423	75	4.22	0.468	28.1	1.8	317	396	39%
700	1617	493	75	4.50	0.462	27.7	1.7	338	422	42%
800	1848	563	75	4.80	0.457	27.4	1.7	360	450	44%
900	2079	634	75	5.08	0.451	27.0	1.7	381	476	46%
1000	2310	704	75	5.41	0.445	26.7	1.7	406	507	48%
1100	2541	775	75	5.61	0.439	26.3	1.7	421	526	50%
1200	2772	845	75	5.91	0.433	26.0	1.6	443	554	51%
1300	3003	916	75	6.13	0.428	25.7	1.6	460	575	53%
1400	3234	986	75	6.38	0.422	25.3	1.6	479	598	54%
1500	3465	1056	75	6.59	0.416	25.0	1.6	494	618	55%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	Gallons Per Hour	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	90	2.24	0.610	36.6	2.3	202	252	0%
100	231	70	90	2.66	0.603	36.2	2.3	239	299	11%
200	462	141	90	3.00	0.595	35.7	2.3	270	338	19%
300	693	211	90	3.33	0.588	35.3	2.2	300	375	26%
400	924	282	90	3.65	0.581	34.8	2.2	329	411	31%
500	1155	352	90	3.91	0.573	34.4	2.2	352	440	35%
600	1386	423	90	4.23	0.566	34.0	2.1	381	476	39%
700	1617	493	90	4.48	0.559	33.5	2.1	403	504	42%
800	1848	563	90	4.77	0.551	33.1	2.1	429	537	45%
900	2079	634	90	5.06	0.544	32.6	2.1	455	569	47%
1000	2310	704	90	5.31	0.537	32.2	2.0	478	597	49%
1100	2541	775	90	5.60	0.529	31.8	2.0	504	630	50%
1200	2772	845	90	5.84	0.522	31.3	2.0	526	657	52%
1300	3003	916	90	6.14	0.515	30.9	1.9	553	691	53%
1400	3234	986	90	6.37	0.507	30.4	1.9	573	717	54%
1500	3465	1056	90	6.59	0.500	30.0	1.9	593	741	55%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	Gallons Per Hour	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	105	2.32	0.710	42.6	2.7	244	305	0%
100	231	70	105	2.70	0.702	42.1	2.7	284	354	11%
200	462	141	105	3.04	0.694	41.6	2.6	319	399	19%
300	693	211	105	3.33	0.686	41.1	2.6	350	437	26%
400	924	282	105	3.63	0.677	40.6	2.6	381	476	31%
500	1155	352	105	3.89	0.669	40.2	2.5	408	511	36%
600	1386	423	105	4.18	0.661	39.7	2.5	439	549	39%
700	1617	493	105	4.47	0.653	39.2	2.5	469	587	42%
800	1848	563	105	4.73	0.645	38.7	2.4	497	621	45%
900	2079	634	105	5.01	0.637	38.2	2.4	526	658	47%
1000	2310	704	105	5.27	0.629	37.7	2.4	553	692	49%
1100	2541	775	105	5.51	0.621	37.2	2.3	579	723	51%
1200	2772	845	105	5.77	0.612	36.7	2.3	606	757	53%
1300	3003	916	105	6.01	0.604	36.3	2.3	631	789	54%
1400	3234	986	105	6.26	0.596	35.8	2.3	657	822	55%
1500	3465	1056	105	6.50	0.588	35.3	2.2	683	853	56%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	Gallons Per Hour	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	120	2.46	0.814	48.8	3.1	295	369	0%
100	231	70	120	2.81	0.804	48.3	3.0	337	422	10%
200	462	141	120	3.19	0.795	47.7	3.0	383	479	18%
300	693	211	120	3.49	0.785	47.1	3.0	419	524	24%
400	924	282	120	3.75	0.775	46.5	2.9	450	563	30%
500	1155	352	120	4.03	0.765	45.9	2.9	484	605	34%
600	1386	423	120	4.30	0.756	45.3	2.9	516	645	38%
700	1617	493	120	4.56	0.746	44.8	2.8	547	684	42%
800	1848	563	120	4.83	0.736	44.2	2.8	580	725	44%
900	2079	634	120	5.10	0.726	43.6	2.7	612	765	46%
1000	2310	704	120	5.31	0.717	43.0	2.7	637	797	49%
1100	2541	775	120	5.60	0.707	42.4	2.7	672	840	50%
1200	2772	845	120	5.82	0.697	41.8	2.6	698	873	52%
1300	3003	916	120	6.07	0.687	41.2	2.6	728	911	53%
1400	3234	986	120	6.31	0.678	40.7	2.6	757	947	55%
1500	3465	1056	120	6.53	0.668	40.1	2.5	784	980	56%

* Solar array watts using a 20% deration factor.