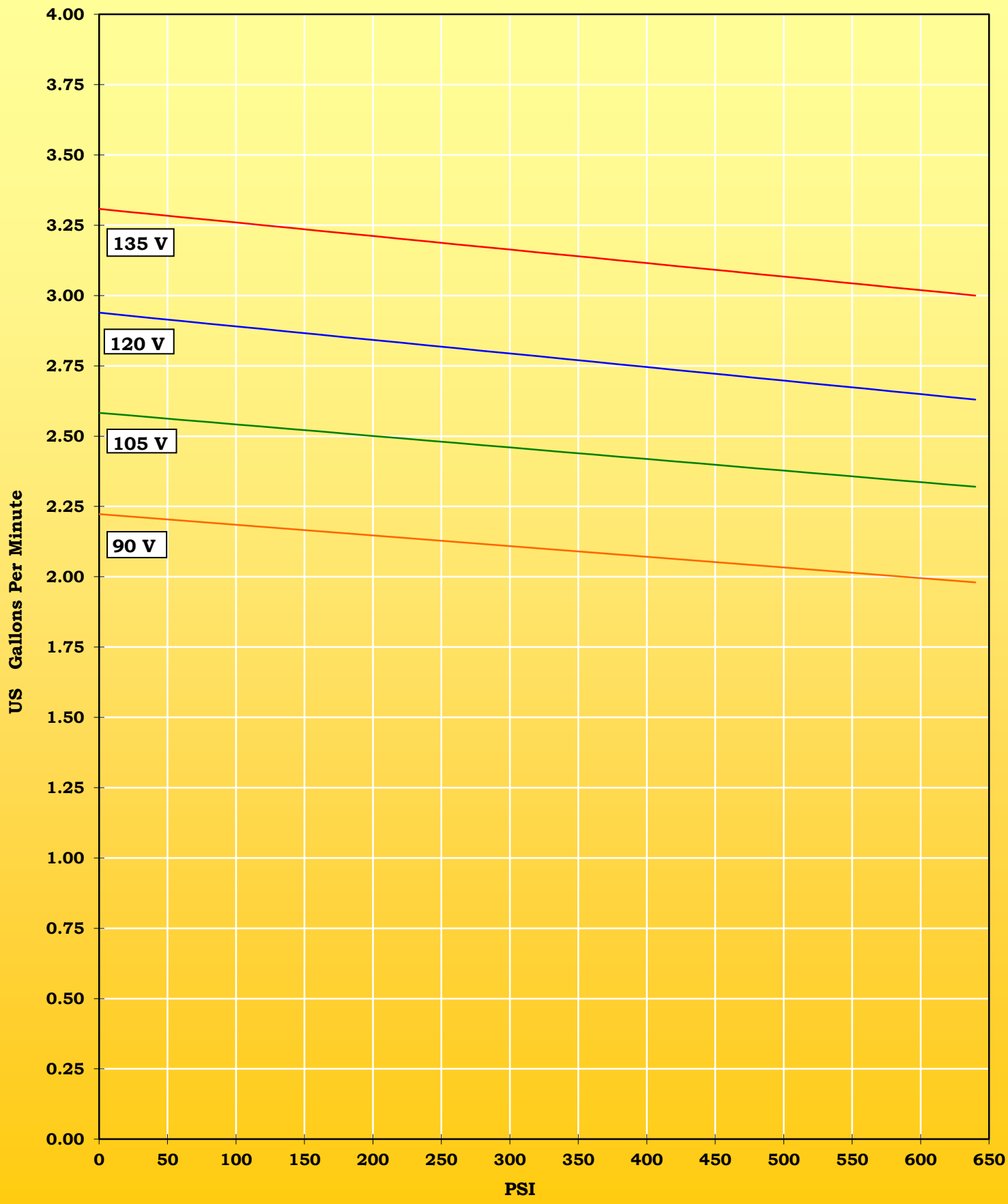


SunPumps High Pressure Plunger Pump Model SIJ 3-640P-135 BL



SunPumps High Pressure Plunger Pump Model SIJ 3-640P-135 BL

PSI	Bar	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	0	90	1.80	2.22	8.41	162	203	0%
20	1.38	46	14	90	1.95	2.22	8.38	176	219	11%
40	2.76	92	28	90	2.18	2.21	8.36	196	245	20%
60	4.14	139	42	90	2.39	2.20	8.33	215	269	27%
80	5.52	185	56	90	2.60	2.19	8.30	234	293	33%
100	6.90	231	70	90	2.86	2.18	8.27	257	322	37%
120	8.28	277	85	90	3.10	2.18	8.24	279	349	41%
140	9.66	323	99	90	3.33	2.17	8.21	300	375	44%
160	11.03	370	113	90	3.56	2.16	8.18	320	401	47%
180	12.41	416	127	90	3.80	2.15	8.15	342	428	49%
200	13.79	462	141	90	4.01	2.15	8.13	361	451	52%
220	15.17	508	155	90	4.25	2.14	8.10	383	478	54%
240	16.55	554	169	90	4.48	2.13	8.07	403	504	55%
260	17.93	601	183	90	4.70	2.12	8.04	423	529	57%
280	19.31	647	197	90	4.93	2.12	8.01	444	555	58%
300	20.69	693	211	90	5.14	2.11	7.98	463	578	60%
320	22.07	739	225	90	5.39	2.10	7.95	485	606	60%
340	23.45	785	239	90	5.61	2.09	7.93	505	631	61%
360	24.83	832	254	90	5.83	2.09	7.90	525	656	62%
380	26.21	878	268	90	6.05	2.08	7.87	545	681	63%
400	27.59	924	282	90	6.27	2.07	7.84	564	705	64%
420	28.97	970	296	90	6.49	2.06	7.81	584	730	65%
440	30.34	1016	310	90	6.71	2.06	7.78	604	755	65%
460	31.72	1063	324	90	6.96	2.05	7.75	626	783	65%
480	33.10	1109	338	90	7.17	2.04	7.72	645	807	66%
500	34.48	1155	352	90	7.39	2.03	7.70	665	831	67%
520	35.86	1201	366	90	7.61	2.03	7.67	685	856	67%
540	37.24	1247	380	90	7.83	2.02	7.64	705	881	67%
560	38.62	1294	394	90	8.05	2.01	7.61	725	906	68%
580	40.00	1340	408	90	8.28	2.00	7.58	745	932	68%
600	41.38	1386	423	90	8.51	2.00	7.55	766	957	68%
620	42.76	1432	437	90	8.71	1.99	7.52	784	980	68%
640	44.14	1478	451	90	8.94	1.98	7.49	805	1006	69%

PSI	Bar	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	0	105	1.95	2.58	9.78	205	256	0%
20	1.38	46	14	105	2.07	2.57	9.75	217	272	10%
40	2.76	92	28	105	2.29	2.57	9.71	240	301	19%
60	4.14	139	42	105	2.51	2.56	9.68	264	329	25%
80	5.52	185	56	105	2.73	2.55	9.65	287	358	31%
100	6.90	231	70	105	2.95	2.54	9.62	310	387	36%
120	8.28	277	85	105	3.19	2.53	9.59	335	419	39%
140	9.66	323	99	105	3.44	2.53	9.56	361	452	43%
160	11.03	370	113	105	3.67	2.52	9.53	385	482	45%
180	12.41	416	127	105	3.89	2.51	9.50	409	511	48%
200	13.79	462	141	105	4.12	2.50	9.47	433	541	50%
220	15.17	508	155	105	4.34	2.49	9.43	456	570	52%
240	16.55	554	169	105	4.56	2.48	9.40	479	599	54%
260	17.93	601	183	105	4.78	2.48	9.37	502	627	56%
280	19.31	647	197	105	5.01	2.47	9.34	526	658	57%
300	20.69	693	211	105	5.24	2.46	9.31	550	688	58%
320	22.07	739	225	105	5.48	2.45	9.28	575	719	59%
340	23.45	785	239	105	5.71	2.44	9.25	600	749	60%
360	24.83	832	254	105	5.93	2.44	9.22	623	778	61%
380	26.21	878	268	105	6.15	2.43	9.19	646	807	62%
400	27.59	924	282	105	6.37	2.42	9.15	669	836	63%
420	28.97	970	296	105	6.61	2.41	9.12	694	868	63%
440	30.34	1016	310	105	6.83	2.40	9.09	717	896	64%
460	31.72	1063	324	105	7.04	2.39	9.06	739	924	65%
480	33.10	1109	338	105	7.27	2.39	9.03	763	954	65%
500	34.48	1155	352	105	7.49	2.38	9.00	786	983	66%
520	35.86	1201	366	105	7.72	2.37	8.97	811	1013	66%
540	37.24	1247	380	105	7.94	2.36	8.94	834	1042	67%
560	38.62	1294	394	105	8.16	2.35	8.91	857	1071	67%
580	40.00	1340	408	105	8.37	2.34	8.87	879	1099	67%
600	41.38	1386	423	105	8.60	2.34	8.84	903	1129	68%
620	42.76	1432	437	105	8.81	2.33	8.81	925	1156	68%
640	44.14	1478	451	105	9.03	2.32	8.78	948	1185	68%

PSI	Bar	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	0	120	2.50	2.94	11.12	300	375	0%
20	1.38	46	14	120	2.60	2.93	11.09	312	390	8%
40	2.76	92	28	120	2.75	2.92	11.05	330	413	15%
60	4.14	139	42	120	2.93	2.91	11.01	352	440	22%
80	5.52	185	56	120	3.11	2.90	10.98	373	467	27%
100	6.90	231	70	120	3.28	2.89	10.94	394	492	32%
120	8.28	277	85	120	3.51	2.88	10.90	421	527	36%
140	9.66	323	99	120	3.73	2.87	10.87	448	560	39%
160	11.03	370	113	120	3.98	2.86	10.83	478	597	42%
180	12.41	416	127	120	4.21	2.85	10.79	505	632	44%
200	13.79	462	141	120	4.44	2.84	10.76	533	666	46%
220	15.17	508	155	120	4.66	2.83	10.72	559	699	48%
240	16.55	554	169	120	4.87	2.82	10.68	584	731	50%
260	17.93	601	183	120	5.09	2.81	10.65	611	764	52%
280	19.31	647	197	120	5.30	2.80	10.61	636	795	54%
300	20.69	693	211	120	5.53	2.79	10.58	664	830	55%
320	22.07	739	225	120	5.74	2.78	10.54	689	861	56%
340	23.45	785	239	120	5.96	2.77	10.50	715	894	57%
360	24.83	832	254	120	6.19	2.77	10.47	743	929	58%
380	26.21	878	268	120	6.39	2.76	10.43	767	959	59%
400	27.59	924	282	120	6.60	2.75	10.39	792	990	60%
420	28.97	970	296	120	6.84	2.74	10.36	821	1026	61%
440	30.34	1016	310	120	7.03	2.73	10.32	844	1055	62%
460	31.72	1063	324	120	7.27	2.72	10.28	872	1091	62%
480	33.10	1109	338	120	7.50	2.71	10.25	900	1125	63%
500	34.48	1155	352	120	7.69	2.70	10.21	923	1154	64%
520	35.86	1201	366	120	7.91	2.69	10.17	949	1187	64%
540	37.24	1247	380	120	8.14	2.68	10.14	977	1221	64%
560	38.62	1294	394	120	8.35	2.67	10.10	1002	1253	65%
580	40.00	1340	408	120	8.53	2.66	10.06	1024	1280	66%
600	41.38	1386	423	120	8.75	2.65	10.03	1050	1313	66%
620	42.76	1432	437	120	8.94	2.64	9.99	1073	1341	66%
640	44.14	1478	451	120	9.16	2.63	9.95	1099	1374	67%

PSI	Bar	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	0	135	2.02	3.31	12.52	273	341	0%
20	1.38	46	14	135	2.11	3.30	12.48	285	356	10%
40	2.76	92	28	135	2.31	3.29	12.45	312	390	18%
60	4.14	139	42	135	2.59	3.28	12.41	350	437	24%
80	5.52	185	56	135	2.87	3.27	12.37	387	484	29%
100	6.90	231	70	135	3.15	3.26	12.34	425	532	33%
120	8.28	277	85	135	3.43	3.25	12.30	463	579	37%
140	9.66	323	99	135	3.71	3.24	12.26	501	626	39%
160	11.03	370	113	135	4.05	3.23	12.23	547	683	41%
180	12.41	416	127	135	4.19	3.22	12.19	566	707	45%
200	13.79	462	141	135	4.36	3.21	12.16	589	736	47%
220	15.17	508	155	135	4.63	3.20	12.12	625	781	49%
240	16.55	554	169	135	4.84	3.19	12.08	653	817	51%
260	17.93	601	183	135	5.08	3.18	12.05	686	857	53%
280	19.31	647	197	135	5.29	3.17	12.01	714	893	54%
300	20.69	693	211	135	5.48	3.16	11.97	740	925	56%
320	22.07	739	225	135	5.73	3.15	11.94	774	967	57%
340	23.45	785	239	135	5.95	3.14	11.90	803	1004	58%
360	24.83	832	254	135	6.17	3.13	11.86	833	1041	59%
380	26.21	878	268	135	6.40	3.13	11.83	864	1080	60%
400	27.59	924	282	135	6.64	3.12	11.79	896	1121	60%
420	28.97	970	296	135	6.86	3.11	11.76	926	1158	61%
440	30.34	1016	310	135	7.05	3.10	11.72	952	1190	62%
460	31.72	1063	324	135	7.29	3.09	11.68	984	1230	63%
480	33.10	1109	338	135	7.48	3.08	11.65	1010	1262	64%
500	34.48	1155	352	135	7.74	3.07	11.61	1045	1306	64%
520	35.86	1201	366	135	7.94	3.06	11.57	1072	1340	65%
540	37.24	1247	380	135	8.17	3.05	11.54	1103	1379	65%
560	38.62	1294	394	135	8.37	3.04	11.50	1130	1412	66%
580	40.00	1340	408	135	8.58	3.03	11.46	1158	1448	66%
600	41.38	1386	423	135	8.80	3.02	11.43	1188	1485	66%
620	42.76	1432	437	135	9.06	3.01	11.39	1223	1529	66%
640	44.14	1478	451	135	9.28	3.00	11.36	1253	1566	67%

* Solar array watts using a 20% deration factor.