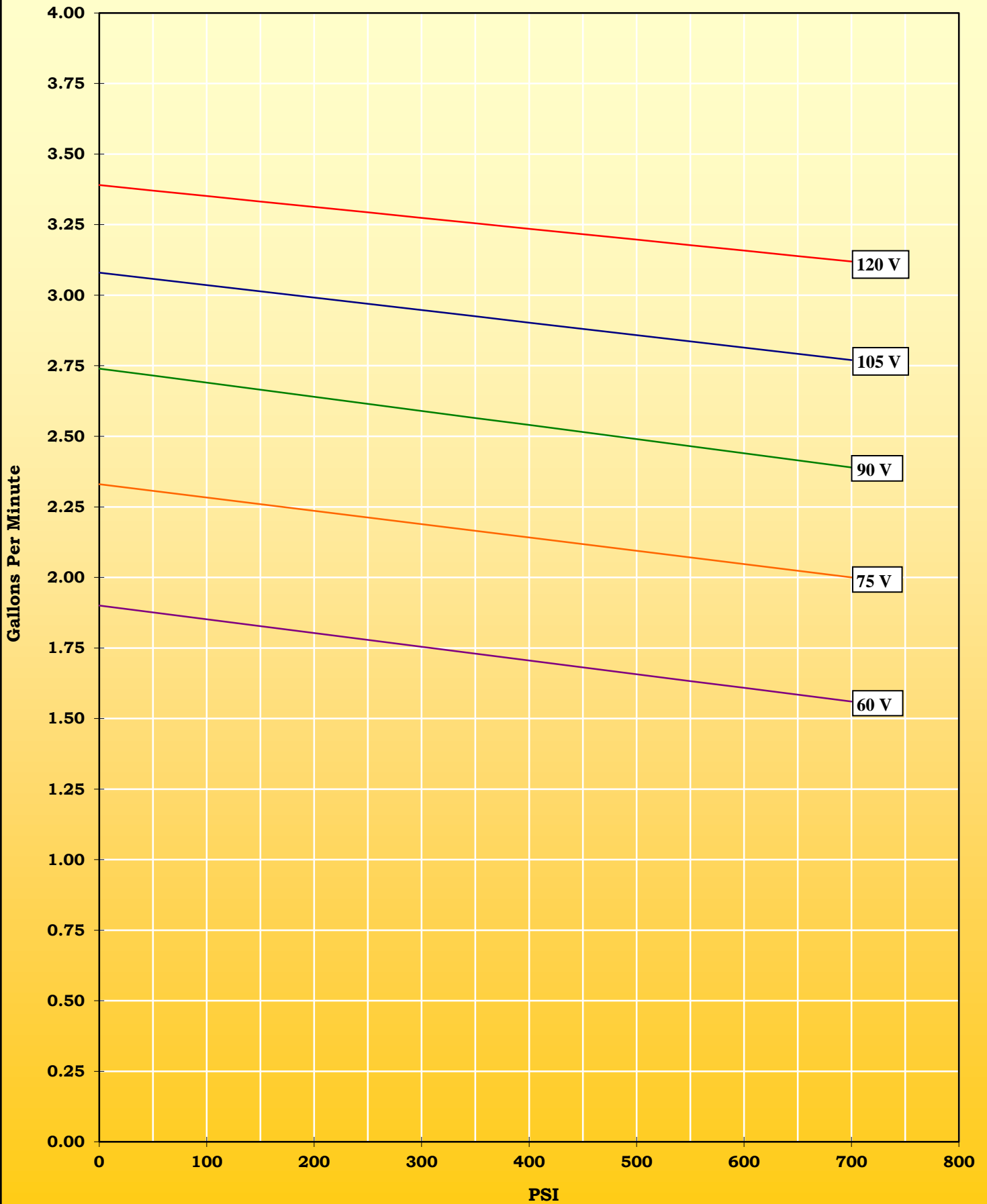


Sunpumps High Pressure Plunger Pump Model SIJ 3.1-700P-120 BL



SunPumps High Pressure Plunger Pump Model SIJ 3.1-700P-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	2.71	1.90	114	7.2	163	203	0%
50	116	35	60	3.56	1.88	113	7.1	214	267	19%
100	231	70	60	4.29	1.85	111	7.0	257	322	31%
150	347	106	60	5.09	1.83	110	6.9	305	382	39%
200	462	141	60	5.87	1.80	108	6.8	352	440	45%
250	578	176	60	6.57	1.78	107	6.7	394	493	49%
300	693	211	60	7.37	1.75	105	6.6	442	553	52%
350	809	246	60	8.12	1.73	104	6.5	487	609	54%
400	924	282	60	8.87	1.71	102	6.5	532	665	56%
450	1040	317	60	9.57	1.68	101	6.4	574	718	57%
500	1155	352	60	10.27	1.66	99	6.3	616	770	59%
550	1271	387	60	10.96	1.63	98	6.2	658	822	59%
600	1386	423	60	11.73	1.61	97	6.1	704	880	60%
650	1502	458	60	12.40	1.58	95	6.0	744	930	60%
700	1617	493	60	13.14	1.56	94	5.9	788	986	60%

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	3.25	2.33	140	8.8	244	305	0%
50	116	35	75	3.62	2.31	138	8.7	272	339	18%
100	231	70	75	4.43	2.28	137	8.6	332	415	30%
150	347	106	75	5.22	2.26	136	8.6	392	489	38%
200	462	141	75	6.03	2.24	134	8.5	452	565	43%
250	578	176	75	6.76	2.21	133	8.4	507	634	47%
300	693	211	75	7.47	2.19	131	8.3	560	700	51%
350	809	246	75	8.17	2.17	130	8.2	613	766	54%
400	924	282	75	8.89	2.14	128	8.1	667	833	56%
450	1040	317	75	9.59	2.12	127	8.0	719	899	58%
500	1155	352	75	10.27	2.09	126	7.9	770	963	59%
550	1271	387	75	11.01	2.07	124	7.8	826	1032	60%
600	1386	423	75	11.75	2.05	123	7.7	881	1102	61%
650	1502	458	75	12.47	2.02	121	7.7	935	1169	61%
700	1617	493	75	13.18	2.00	120	7.6	989	1236	62%

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	3.25	2.74	164	10.4	293	366	0%
50	116	35	90	3.93	2.72	163	10.3	354	442	17%
100	231	70	90	4.62	2.69	161	10.2	416	520	28%
150	347	106	90	5.38	2.67	160	10.1	484	605	36%
200	462	141	90	6.11	2.64	158	10.0	550	687	42%
250	578	176	90	6.83	2.62	157	9.9	615	768	46%
300	693	211	90	7.58	2.59	155	9.8	682	853	50%
350	809	246	90	8.28	2.57	154	9.7	745	932	52%
400	924	282	90	8.99	2.54	152	9.6	809	1011	55%
450	1040	317	90	9.72	2.52	151	9.5	875	1094	56%
500	1155	352	90	10.47	2.49	149	9.4	942	1178	57%
550	1271	387	90	11.15	2.47	148	9.3	1004	1254	59%
600	1386	423	90	11.80	2.44	146	9.2	1062	1328	60%
650	1502	458	90	12.46	2.42	145	9.1	1121	1402	61%
700	1617	493	90	13.16	2.39	143	9.0	1184	1481	61%

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	3.25	3.08	185	11.7	341	427	0%
50	116	35	105	4.07	3.06	183	11.6	427	534	16%
100	231	70	105	4.81	3.04	182	11.5	505	631	26%
150	347	106	105	5.61	3.01	181	11.4	589	736	33%
200	462	141	105	6.33	2.99	179	11.3	665	831	39%
250	578	176	105	7.00	2.97	178	11.2	735	919	44%
300	693	211	105	7.70	2.95	177	11.2	809	1011	48%
350	809	246	105	8.44	2.93	176	11.1	886	1108	50%
400	924	282	105	9.11	2.90	174	11.0	957	1196	53%
450	1040	317	105	9.76	2.88	173	10.9	1025	1281	55%
500	1155	352	105	10.43	2.86	172	10.8	1095	1369	57%
550	1271	387	105	11.11	2.84	170	10.7	1167	1458	58%
600	1386	423	105	11.82	2.81	169	10.7	1241	1551	59%
650	1502	458	105	12.48	2.79	168	10.6	1310	1638	60%
700	1617	493	105	13.23	2.77	166	10.5	1389	1736	61%

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	4.18	3.39	203	12.8	502	627	0%
50	116	35	120	4.84	3.37	202	12.8	581	726	13%
100	231	70	120	5.47	3.35	201	12.7	656	821	22%
150	347	106	120	6.03	3.33	200	12.6	724	905	30%
200	462	141	120	6.68	3.31	199	12.5	802	1002	36%
250	578	176	120	7.32	3.29	198	12.5	878	1098	41%
300	693	211	120	7.92	3.27	196	12.4	950	1188	45%
350	809	246	120	8.58	3.25	195	12.3	1030	1287	48%
400	924	282	120	9.23	3.24	194	12.2	1108	1385	51%
450	1040	317	120	9.82	3.22	193	12.2	1178	1473	53%
500	1155	352	120	10.48	3.20	192	12.1	1258	1572	55%
550	1271	387	120	11.17	3.18	191	12.0	1340	1676	57%
600	1386	423	120	11.86	3.16	189	12.0	1423	1779	58%
650	1502	458	120	12.53	3.14	188	11.9	1504	1880	59%
700	1617	493	120	13.28	3.12	187	11.8	1594	1992	60%

* Solar array watts using a 20% deration factor.