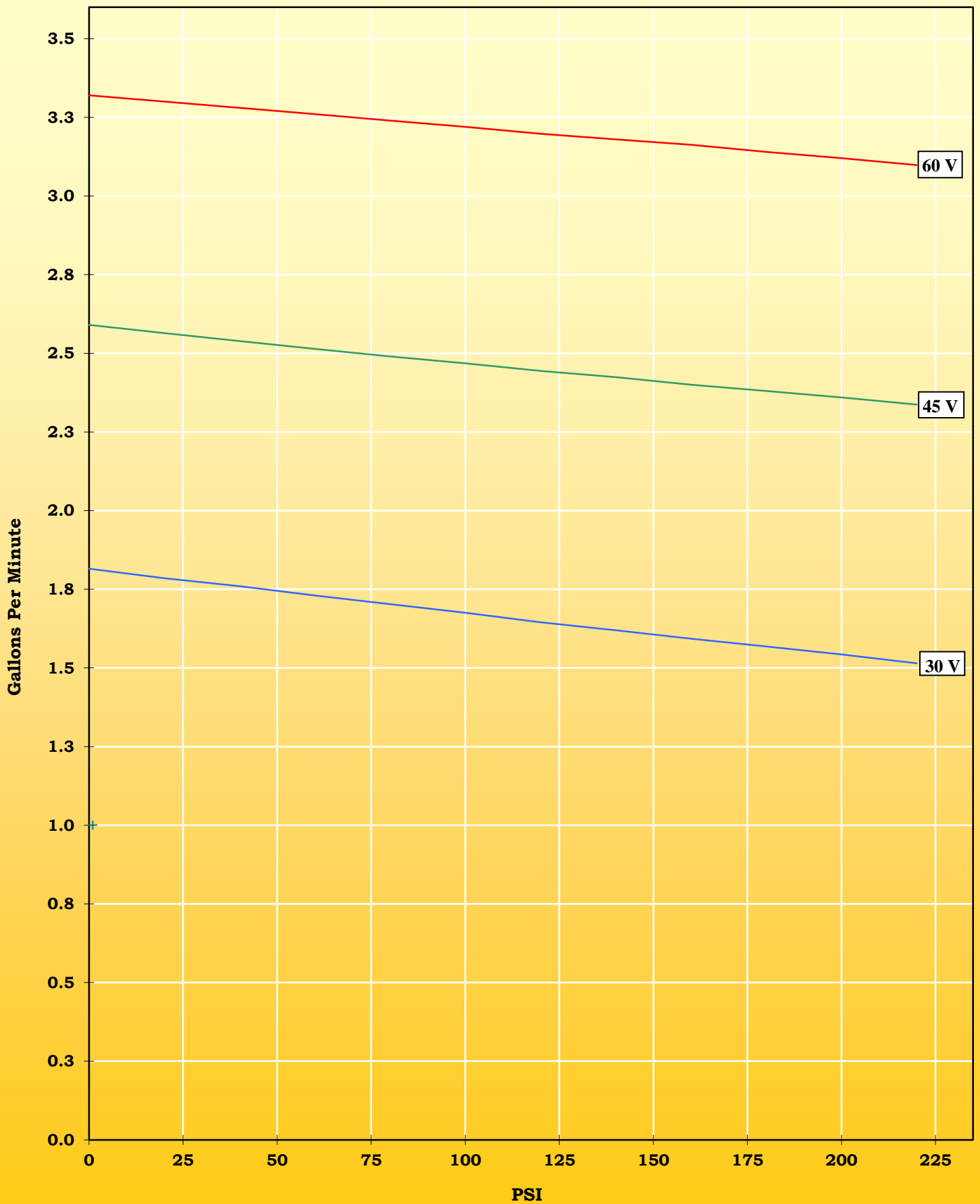


**Sunpumps High Pressure Plunger Pump
Model SIJ 3.1-220P-60 BL**



SunPumps High Pressure Plunger Pump

Model SIJ 3.1-220P-60 BL

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	30	4.73	1.82	6.9	142	177	0%
20	46	14	30	5.39	1.79	6.8	162	202	10%
40	92	28	30	6.05	1.76	6.7	182	227	17%
60	139	42	30	6.71	1.73	6.5	201	252	22%
80	185	56	30	7.37	1.70	6.4	221	276	27%
100	231	70	30	8.03	1.68	6.3	241	301	30%
120	277	85	30	8.63	1.65	6.2	259	324	33%
140	323	99	30	9.25	1.62	6.1	278	347	36%
160	370	113	30	9.85	1.59	6.0	296	369	38%
180	416	127	30	10.54	1.57	5.9	316	395	39%
200	462	141	30	11.15	1.54	5.8	335	418	40%
220	508	155	30	11.71	1.52	5.7	351	439	41%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	45	5.27	2.59	9.8	237	296	0%
20	46	14	45	5.93	2.56	9.7	267	334	8%
40	92	28	45	6.56	2.54	9.6	295	369	15%
60	139	42	45	7.19	2.51	9.5	324	404	20%
80	185	56	45	7.82	2.49	9.4	352	440	25%
100	231	70	45	8.46	2.47	9.3	381	476	28%
120	277	85	45	9.11	2.44	9.3	410	512	31%
140	323	99	45	9.69	2.42	9.2	436	545	34%
160	370	113	45	10.23	2.40	9.1	460	575	36%
180	416	127	45	10.77	2.38	9.0	485	606	38%
200	462	141	45	11.35	2.36	8.9	511	638	40%
220	508	155	45	11.87	2.34	8.8	534	668	42%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	60	6.75	3.32	12.6	405	506	0%
20	46	14	60	7.28	3.30	12.5	437	546	7%
40	92	28	60	7.81	3.28	12.4	469	586	12%
60	139	42	60	8.34	3.26	12.3	500	626	17%
80	185	56	60	8.87	3.24	12.3	532	665	21%
100	231	70	60	9.40	3.22	12.2	564	705	25%
120	277	85	60	9.93	3.20	12.1	596	745	28%
140	323	99	60	10.50	3.18	12.0	630	788	31%
160	370	113	60	10.97	3.16	12.0	658	823	33%
180	416	127	60	11.48	3.14	11.9	689	861	36%
200	462	141	60	11.96	3.12	11.8	718	897	38%
220	508	155	60	12.48	3.10	11.7	749	936	40%

* Solar array watts using a 20% deration factor.