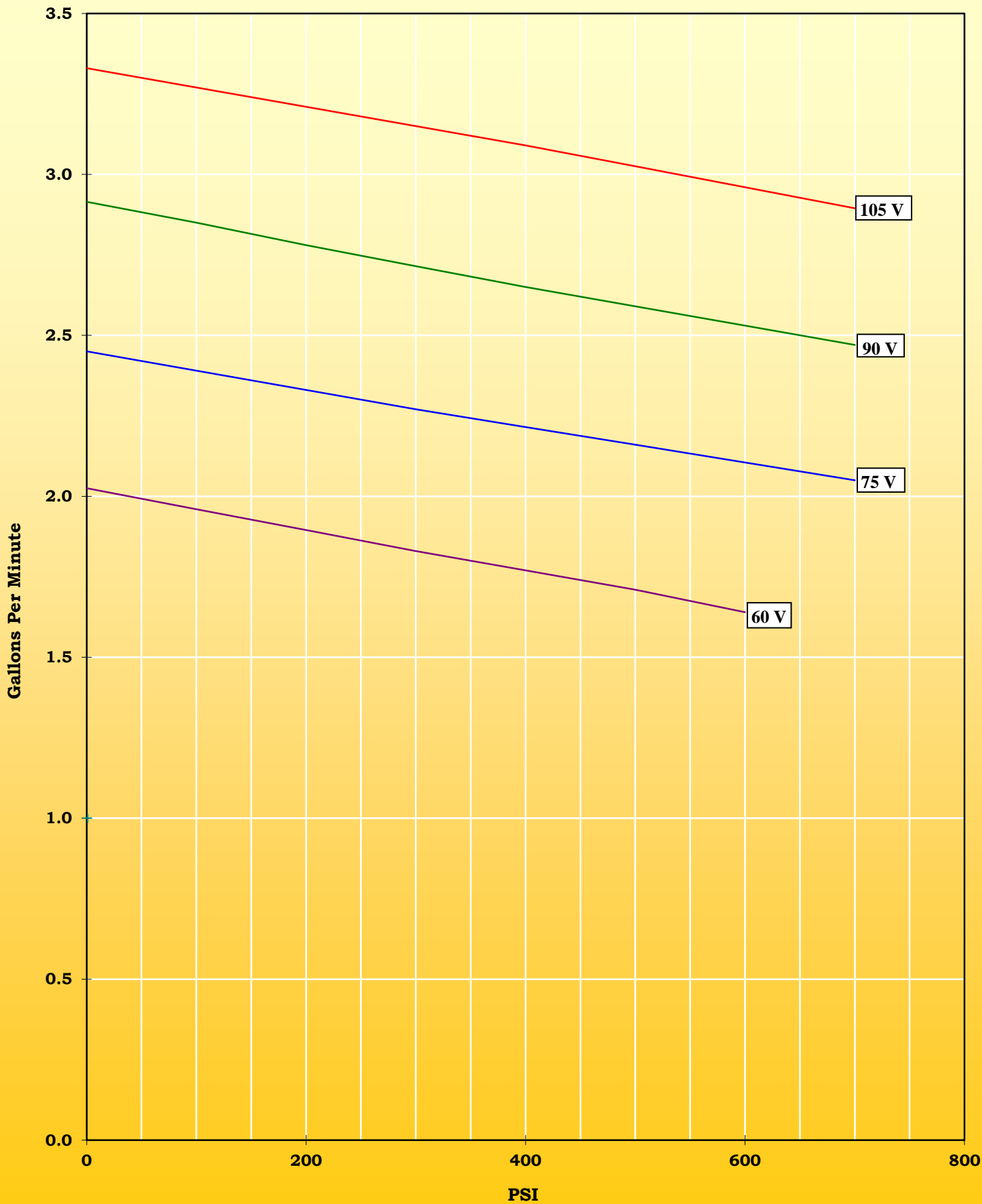


**Sunpumps High Pressure Plunger Pump
Model SIJ 2.9-700P-105 BL**



SunPumps High Pressure Plunger Pump

Model SIJ 2.9-700P-105 BL

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	60	2.1	2.03	7.7	124	155	0%
100	231	70	60	3.7	1.96	7.4	223	278	38%
200	462	141	60	5.4	1.90	7.2	322	402	51%
300	693	211	60	6.8	1.83	6.9	410	512	58%
400	924	282	60	8.3	1.77	6.7	495	619	62%
500	1155	352	60	9.7	1.71	6.5	582	728	64%
600	1386	423	60	11.2	1.64	6.2	672	840	64%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	75	2.2	2.45	9.3	167	209	0%
100	231	70	75	3.8	2.39	9.0	286	357	36%
200	462	141	75	5.4	2.33	8.8	404	505	50%
300	693	211	75	6.9	2.27	8.6	520	650	57%
400	924	282	75	8.4	2.22	8.4	632	789	61%
500	1155	352	75	9.7	2.16	8.2	730	912	64%
600	1386	423	75	11.3	2.11	8.0	845	1056	65%
700	1617	493	75	12.6	2.05	7.8	947	1183	66%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	90	2.3	2.92	11.0	210	262	0%
100	231	70	90	3.9	2.85	10.8	355	443	35%
200	462	141	90	5.6	2.78	10.5	500	624	48%
300	693	211	90	7.0	2.72	10.3	628	785	56%
400	924	282	90	8.4	2.65	10.0	757	946	61%
500	1155	352	90	9.8	2.59	9.8	880	1100	64%
600	1386	423	90	11.2	2.53	9.6	1011	1263	65%
700	1617	493	90	12.6	2.47	9.3	1132	1415	66%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	105	1.8	3.33	12.6	191	239	0%
100	231	70	105	3.8	3.27	12.4	402	503	35%
200	462	141	105	5.8	3.21	12.1	613	767	46%
300	693	211	105	7.2	3.15	11.9	760	950	54%
400	924	282	105	8.7	3.09	11.7	912	1141	59%
500	1155	352	105	10.0	3.03	11.4	1052	1315	63%
600	1386	423	105	11.4	2.96	11.2	1194	1492	65%
700	1617	493	105	12.7	2.90	11.0	1336	1670	66%

* Solar array watts using a 20% deration factor.