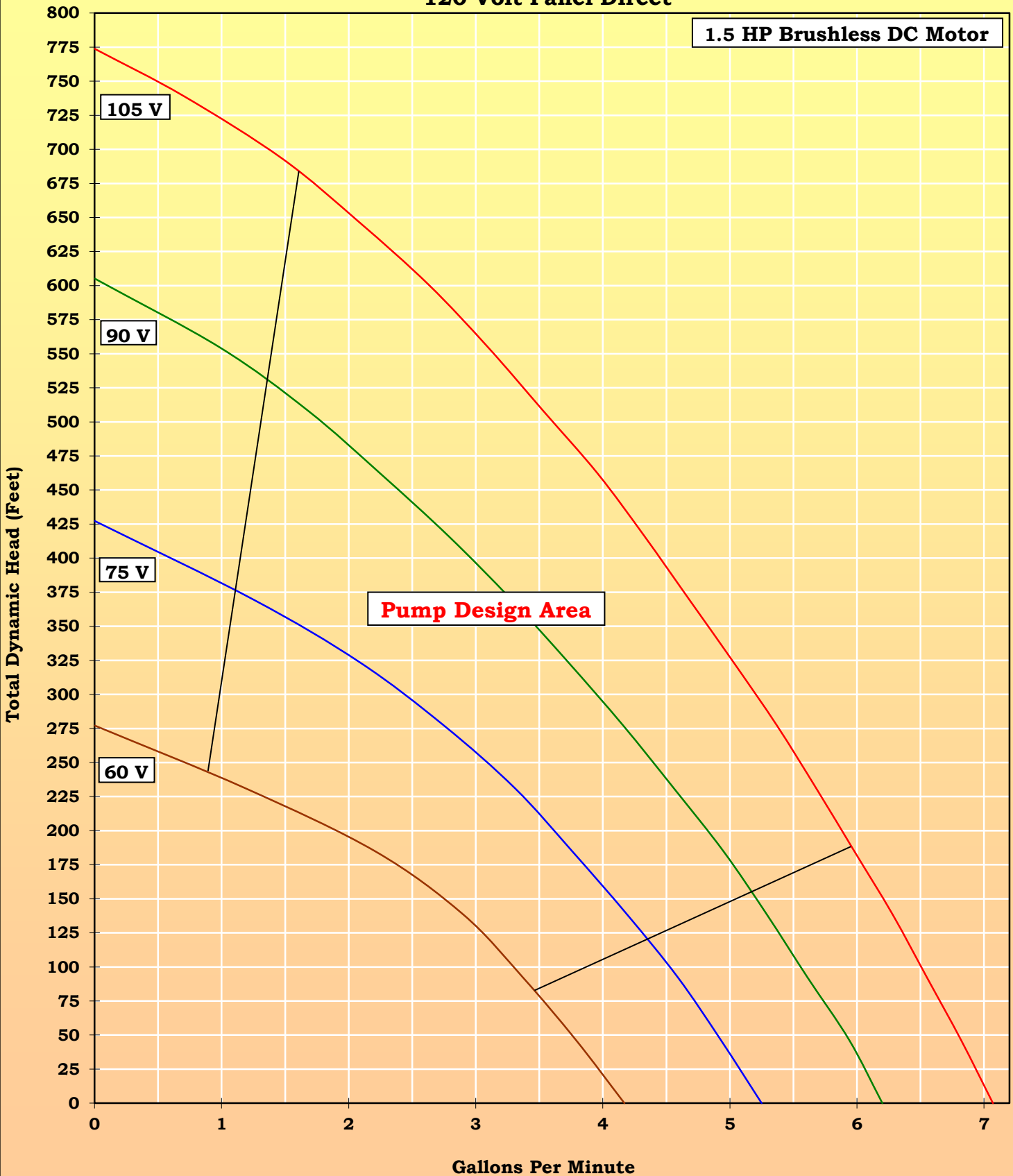


SunPumps Brushless DC Submersible Model SCS 4-460-105 BL

120 Volt Panel Direct

1.5 HP Brushless DC Motor



SunPumps Brushless DC Submersible

Model SCS 4-460-105 BL

120 Volt Brushless DC Motor

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	60	5.22	4.2	15.8	313	392	0%
20	46	14.1	60	5.25	3.8	14.3	315	394	10%
40	92	28.2	60	5.26	3.4	12.8	316	395	19%
60	139	42.3	60	5.21	2.9	11.0	313	391	24%
80	185	56.3	60	5.00	2.2	8.4	300	375	26%
100	231	70.4	60	4.59	1.2	4.5	275	344	19%
120	277	84.5	60	3.63	0.0	0.0	218	272	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	75	7.21	5.3	19.9	541	676	0%
20	46	14.1	75	7.23	4.9	18.7	542	678	8%
40	92	28.2	75	7.25	4.6	17.4	544	680	15%
60	139	42.3	75	7.24	4.2	15.9	543	679	20%
80	185	56.3	75	7.19	3.8	14.2	539	674	24%
100	231	70.4	75	7.07	3.3	12.5	530	663	27%
120	277	84.5	75	6.87	2.7	10.4	515	644	28%
140	323	98.6	75	6.48	2.1	7.9	486	608	26%
160	370	112.7	75	5.96	1.3	4.7	447	559	19%
185	427	130.3	75	4.93	0.0	0.0	370	462	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	90	9.43	6.2	23.5	849	1061	0%
20	46	14.1	90	9.45	5.9	22.5	851	1063	6%
40	92	28.2	90	9.46	5.6	21.2	851	1064	11%
60	139	42.3	90	9.47	5.3	20.0	852	1065	16%
80	185	56.3	90	9.48	5.0	18.7	853	1067	20%
100	231	70.4	90	9.45	4.6	17.3	851	1063	23%
120	277	84.5	90	9.42	4.2	15.7	848	1060	26%
140	323	98.6	90	9.30	3.7	14.1	837	1046	27%
160	370	112.7	90	9.11	3.3	12.4	820	1025	28%
180	416	126.8	90	8.87	2.8	10.6	798	998	27%
200	462	140.9	90	8.50	2.3	8.5	765	956	26%
220	508	154.9	90	7.97	1.7	6.4	717	897	22%
240	554	169.0	90	7.20	1.0	3.7	648	810	16%
262	605	184.5	90	6.40	0.0	0.0	576	720	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	105	11.59	7.1	26.8	1217	1521	0%
20	46	14.1	105	11.71	6.8	25.8	1230	1537	5%
40	92	28.2	105	11.73	6.6	24.8	1232	1540	9%
60	139	42.3	105	11.75	6.3	23.8	1234	1542	13%
80	185	56.3	105	11.75	6.0	22.6	1234	1542	17%
100	231	70.4	105	11.75	5.7	21.5	1234	1542	20%
120	277	84.5	105	11.74	5.4	20.3	1233	1541	23%
140	323	98.6	105	11.76	5.0	19.0	1235	1544	25%
160	370	112.7	105	11.68	4.7	17.7	1226	1533	27%
180	416	126.8	105	11.51	4.3	16.4	1209	1511	28%
200	462	140.9	105	11.37	4.0	15.0	1194	1492	29%
220	508	154.9	105	11.17	3.5	13.4	1173	1466	29%
240	554	169.0	105	10.89	3.1	11.7	1143	1429	28%
260	601	183.1	105	10.56	2.6	10.0	1109	1386	27%
280	647	197.2	105	10.12	2.1	7.9	1063	1328	24%
300	693	211.3	105	9.42	1.5	5.6	989	1236	20%
320	739	225.4	105	8.69	0.7	2.6	912	1141	11%
335	774	235.9	105	8.03	0.0	0.0	843	1054	0%

* Solar Array watts using a 20% deration factor.