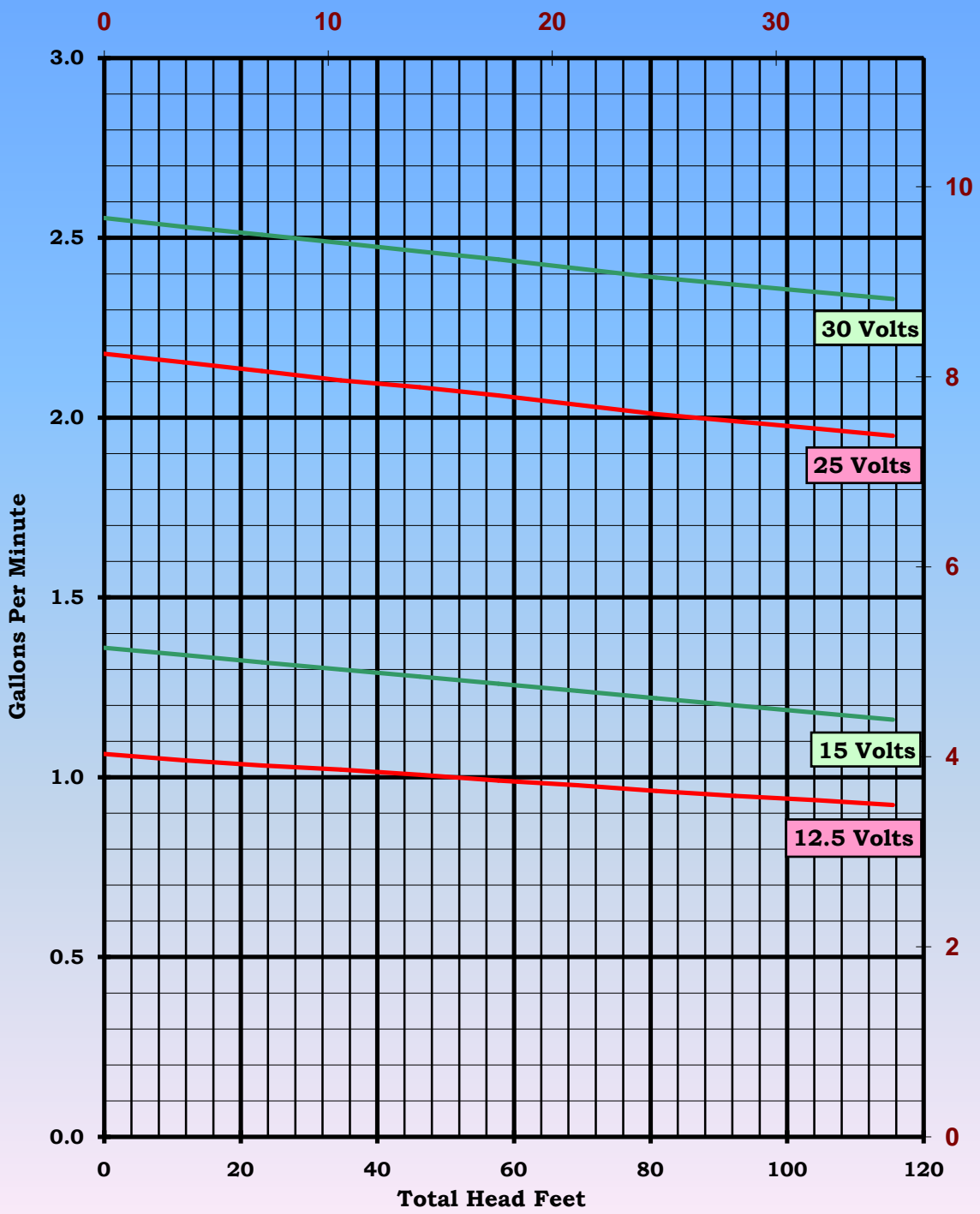


SunPumps SDS-T-130 Submersible Pump

Total Head Meters



Liters Per Minute

SunPumps SDS-T-130 Series Submersibles

12 Volt Battery

PSI	TDH Feet	TDH Meters	Pump Voltage	Pump Amps	U.S. GPM	LPM	Motor Watts	Panel Watts *	System Efficiency
0	0	0.0	12.5	1.08	1.07	4.0	14	17	0%
5	12	3.5	12.5	1.29	1.05	4.0	16	20	14%
10	23	7.0	12.5	1.51	1.03	3.9	19	24	24%
15	35	10.6	12.5	1.74	1.02	3.9	22	27	31%
20	46	14.1	12.5	1.96	1.01	3.8	25	31	36%
25	58	17.6	12.5	2.17	0.99	3.8	27	34	40%
30	69	21.1	12.5	2.36	0.98	3.7	30	37	43%
35	81	24.6	12.5	2.58	0.96	3.6	32	40	45%
40	92	28.2	12.5	2.77	0.95	3.6	35	43	48%
45	104	31.7	12.5	2.96	0.94	3.5	37	46	50%
50	116	35.2	12.5	3.15	0.92	3.5	39	49	51%

17 Volt Panel Direct

PSI	TDH Feet	TDH Meters	Pump Voltage	Pump Amps	U.S. GPM	LPM	Motor Watts	Panel Watts *	System Efficiency
0	0	0.0	15	1.21	1.36	5.1	18	23	0%
5	12	3.5	15	1.43	1.34	5.1	21	27	14%
10	23	7.0	15	1.66	1.32	5.0	25	31	23%
15	35	10.6	15	1.87	1.30	4.9	28	35	30%
20	46	14.1	15	2.08	1.28	4.8	31	39	36%
25	58	17.6	15	2.28	1.26	4.8	34	43	40%
30	69	21.1	15	2.49	1.24	4.7	37	47	43%
35	81	24.6	15	2.71	1.22	4.6	41	51	46%
40	92	28.2	15	2.91	1.20	4.5	44	55	48%
45	104	31.7	15	3.08	1.18	4.5	46	58	50%
50	116	35.2	15	3.29	1.16	4.4	49	62	51%

24 Volt Battery

PSI	TDH Feet	TDH Meters	Pump Voltage	Pump Amps	U.S. GPM	LPM	Motor Watts	Panel Watts *	System Efficiency
0	0	0.0	25	1.59	2.18	8.2	40	50	0%
5	12	3.5	25	1.82	2.15	8.2	46	57	10%
10	23	7.0	25	2.05	2.13	8.1	51	64	18%
15	35	10.6	25	2.30	2.10	8.0	58	72	24%
20	46	14.1	25	2.51	2.09	7.9	63	78	29%
25	58	17.6	25	2.73	2.06	7.8	68	85	33%
30	69	21.1	25	2.92	2.04	7.7	73	91	36%
35	81	24.6	25	3.15	2.01	7.6	79	98	39%
40	92	28.2	25	3.35	1.99	7.5	84	105	41%
45	104	31.7	25	3.54	1.97	7.5	89	111	44%
50	116	35.2	25	3.75	1.95	7.4	94	117	45%

34 Volt Panel Direct

PSI	TDH Feet	TDH Meters	Pump Voltage	Pump Amps	U.S. GPM	LPM	Motor Watts	Panel Watts *	System Efficiency
0	0	0.0	30	1.87	2.56	9.7	56	70	0%
5	12	3.5	30	2.05	2.53	9.6	62	77	9%
10	23	7.0	30	2.28	2.51	9.5	68	86	16%
15	35	10.6	30	2.47	2.49	9.4	74	93	22%
20	46	14.1	30	2.67	2.46	9.3	80	100	27%
25	58	17.6	30	2.89	2.44	9.2	87	108	31%
30	69	21.1	30	3.09	2.42	9.1	93	116	34%
35	81	24.6	30	3.28	2.39	9.0	98	123	37%
40	92	28.2	30	3.47	2.37	9.0	104	130	40%
45	104	31.7	30	3.68	2.35	8.9	110	138	42%
50	116	35.2	30	3.87	2.33	8.8	116	145	44%