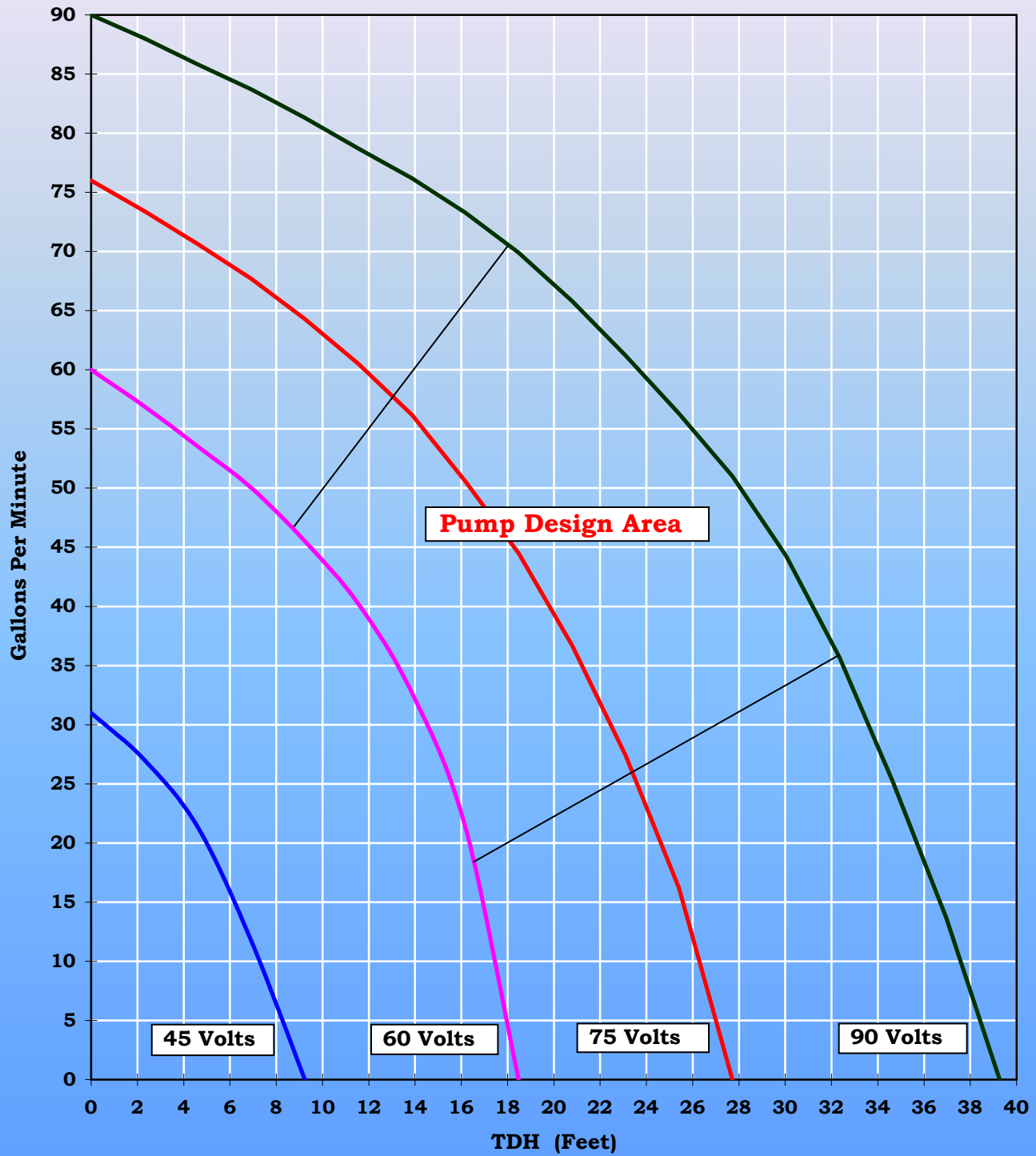


**Sunpumps Centrifugal Pool Pumps
Model SCP-48-30-07**



SunPumps Centrifugal Pool Pumps

MODEL SCP 48-30-07

3/4 HP Motor

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	60	4.1	60	227	244	305	0%
1	2	0.7	60	4.0	57	215	241	301	10%
2	5	1.4	60	4.0	54	202	237	296	20%
3	7	2.1	60	3.9	50	189	232	290	28%
4	9	2.8	60	3.7	46	172	222	278	36%
5	12	3.5	60	3.4	40	152	206	257	43%
6	14	4.2	60	3.2	33	124	190	238	45%
7	16	4.9	60	2.8	21	81	167	209	39%
8	18	5.6	60	2.3	0	0	137	171	0%

Suggested solar module array: 4-75 to 90 watt modules wired in series.

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	75	5.8	76	288	432	540	0%
1	2	0.7	75	5.7	73	278	428	534	7%
2	5	1.4	75	5.6	71	267	422	527	15%
3	7	2.1	75	5.6	68	256	416	520	21%
4	9	2.8	75	5.5	64	243	411	514	27%
5	12	3.5	75	5.4	61	229	403	503	33%
6	14	4.2	75	5.2	56	213	390	488	38%
7	16	4.9	75	5.0	51	192	377	472	41%
8	18	5.6	75	4.8	45	168	359	448	43%
9	21	6.3	75	4.4	37	139	330	413	44%
10	23	7.0	75	4.0	27	104	300	375	40%
11	25	7.7	75	3.4	16	61	258	323	30%
12	28	8.5	75	2.8	0	0	209	261	0%

Suggested solar module array: 5-110 to 123 watt modules wired in series.

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	90	7.9	90	341	713	891	0%
1	2	0.7	90	7.9	88	333	708	885	5%
2	5	1.4	90	7.8	86	325	706	882	11%
3	7	2.1	90	7.8	84	318	700	875	16%
4	9	2.8	90	7.7	81	308	691	864	20%
5	12	3.5	90	7.6	79	298	682	853	25%
6	14	4.2	90	7.5	76	288	673	842	30%
7	16	4.9	90	7.3	73	277	661	826	34%
8	18	5.6	90	7.2	70	265	648	810	38%
9	21	6.3	90	7.0	66	249	634	792	41%
10	23	7.0	90	6.9	61	232	622	777	43%
11	25	7.7	90	6.7	56	213	605	756	45%
12	28	8.5	90	6.4	51	193	576	720	46%
13	30	9.2	90	6.1	44	168	546	683	46%
14	32	9.9	90	5.7	36	135	513	641	42%
15	35	10.6	90	5.2	25	95	465	582	35%
16	37	11.3	90	4.5	14	52	406	507	24%
17	39	12.0	90	3.7	0	0	331	414	0%

Suggested solar module array: 12-70 to 90 watt modules wired in 2 parallel strings of 6 series.

SunPumps Centrifugal Pool Pumps

MODEL SCP 48-30-07

3/4 HP Motor

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	45	2.62	31	117	118	147	0%
1	2	0.7	45	2.53	27	102	114	142	10%
2	5	1.4	45	2.37	21	81	107	133	17%
3	7	2.1	45	2.06	12	44	93	116	16%
4	9	2.8	45	1.45	0	0	65	82	0%

Suggested solar module array 3-50 to 65 watt modules wired in series.

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	60	4.1	60	227	244	305	0%
1	2	0.7	60	4.0	57	215	241	301	10%
2	5	1.4	60	4.0	54	202	237	296	20%
3	7	2.1	60	3.9	50	189	232	290	28%
4	9	2.8	60	3.7	46	172	222	278	36%
5	12	3.5	60	3.4	40	152	206	257	43%
6	14	4.2	60	3.2	33	124	190	238	45%
7	16	4.9	60	2.8	21	81	167	209	39%
8	18	5.6	60	2.3	0	0	137	171	0%

Suggested solar module array 4-75 to 90 watt modules wired in series.

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	75	5.8	76	288	432	540	0%
1	2	0.7	75	5.7	73	278	428	534	7%
2	5	1.4	75	5.6	71	267	422	527	15%
3	7	2.1	75	5.6	68	256	416	520	21%
4	9	2.8	75	5.5	64	243	411	514	27%
5	12	3.5	75	5.4	61	229	403	503	33%
6	14	4.2	75	5.2	56	213	390	488	38%
7	16	4.9	75	5.0	51	192	377	472	41%
8	18	5.6	75	4.8	45	168	359	448	43%
9	21	6.3	75	4.4	37	139	330	413	44%
10	23	7.0	75	4.0	27	104	300	375	40%
11	25	7.7	75	3.4	16	61	258	323	30%
12	28	8.5	75	2.8	0	0	209	261	0%

Suggested solar module array 5-110 to 123 watt modules wired in series.