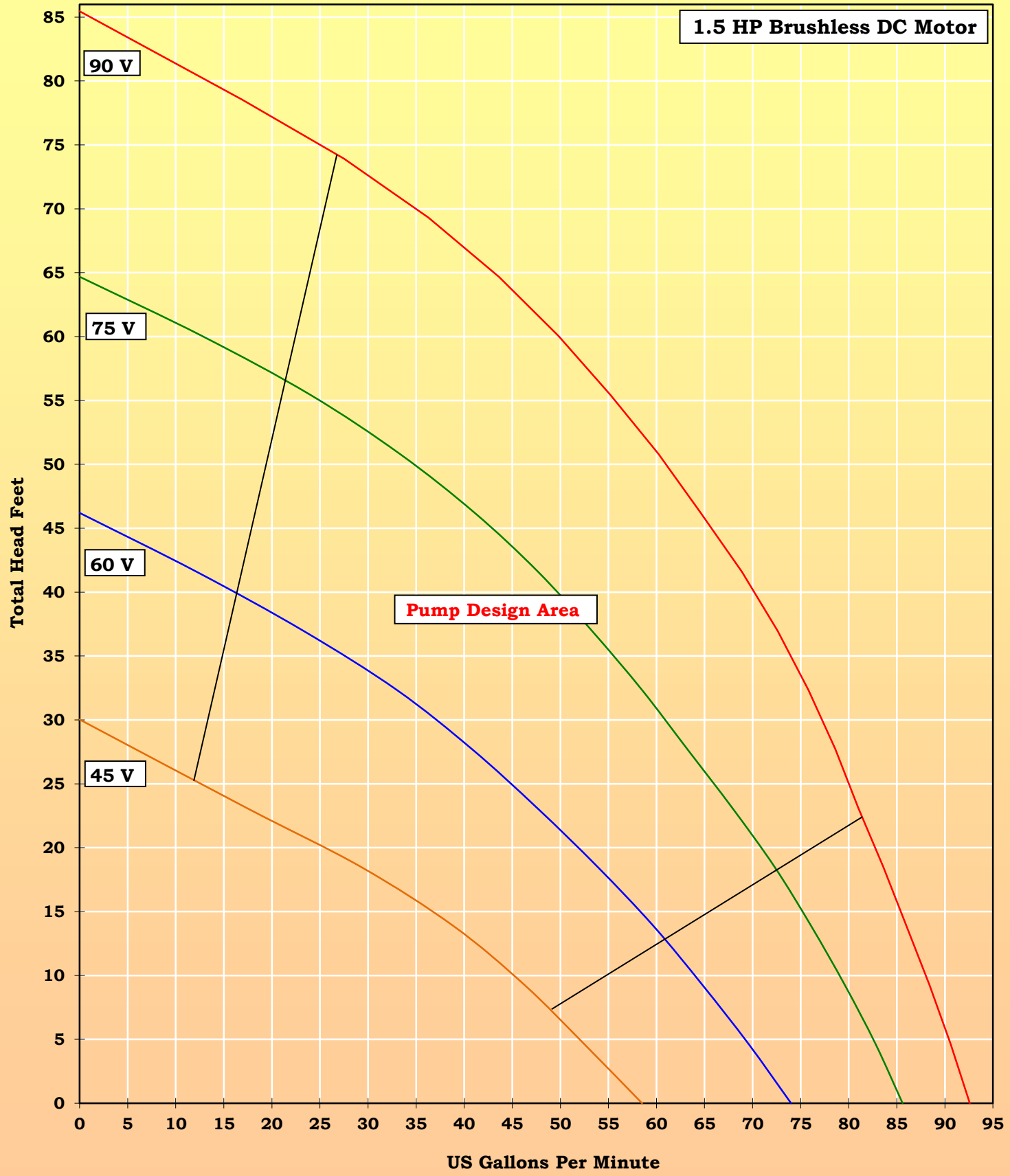


# SunPumps Centrifugal Pool Pumps Model SCP 55-55-90Y BC

1.5 HP Brushless DC Motor



# SunPumps Centrifugal Pool Pumps

## MODEL SCP 55-55-90Y BC

1.5 HP Brushless DC Motor

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	45	5.11	59	221	230	287	0%
2	5	1.4	45	5.25	53	199	236	295	19%
4	9	2.8	45	5.50	46	175	248	309	33%
6	14	4.2	45	5.65	39	147	254	318	40%
8	18	5.6	45	5.64	29	111	254	317	40%
10	23	7.0	45	5.30	17	66	239	298	32%
13	30	9.2	45	4.42	0	0	199	249	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	60	7.56	74	280	454	567	0%
2	5	1.4	60	7.68	70	263	461	576	13%
4	9	2.8	60	7.90	65	245	474	593	24%
6	14	4.2	60	8.06	60	226	484	605	32%
8	18	5.6	60	8.18	54	204	491	614	38%
10	23	7.0	60	8.23	48	180	494	617	42%
12	28	8.5	60	8.25	41	154	495	619	43%
14	32	9.9	60	8.18	33	125	491	614	41%
16	37	11.3	60	7.91	23	88	475	593	34%
18	42	12.7	60	7.08	12	46	425	531	22%
20	46	14.1	60	6.45	0	0	387	484	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	75	10.57	86	324	793	991	0%
2	5	1.4	75	10.60	83	313	795	994	9%
4	9	2.8	75	10.82	80	301	812	1014	17%
6	14	4.2	75	10.91	76	288	818	1023	24%
8	18	5.6	75	10.97	72	274	823	1028	31%
10	23	7.0	75	11.11	68	257	833	1042	35%
12	28	8.5	75	11.21	63	239	841	1051	39%
14	32	9.9	75	11.29	59	221	847	1058	42%
16	37	11.3	75	11.32	53	202	849	1061	44%
18	42	12.7	75	11.30	48	181	848	1059	44%
20	46	14.1	75	11.20	41	156	840	1050	43%
22	51	15.5	75	11.03	33	126	827	1034	39%
24	55	16.9	75	10.64	24	91	798	998	31%
26	60	18.3	75	9.64	13	48	723	904	20%
28	65	19.7	75	8.57	0	0	643	803	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	90	12.70	93	350	1143	1429	0%
2	5	1.4	90	12.86	91	343	1157	1447	7%
4	9	2.8	90	13.26	88	335	1193	1492	13%
6	14	4.2	90	13.68	86	326	1231	1539	18%
8	18	5.6	90	13.92	84	316	1253	1566	23%
10	23	7.0	90	14.08	81	307	1267	1584	28%
12	28	8.5	90	14.15	79	298	1274	1592	32%
14	32	9.9	90	14.16	76	287	1274	1593	36%
16	37	11.3	90	14.18	73	275	1276	1595	40%
18	42	12.7	90	14.26	69	261	1283	1604	42%
20	46	14.1	90	14.25	65	245	1283	1603	44%
22	51	15.5	90	14.33	60	228	1290	1612	45%
24	55	16.9	90	14.27	55	209	1284	1605	45%
26	60	18.3	90	14.20	50	188	1278	1598	44%
28	65	19.7	90	14.09	44	165	1268	1585	42%
30	69	21.1	90	13.78	36	137	1240	1550	38%
32	74	22.5	90	13.29	28	104	1196	1495	32%
34	79	23.9	90	12.48	17	64	1123	1404	22%
37	85	26.1	90	11.20	0	0	1008	1260	0%

\* Solar array watts using a 20% deration factor.