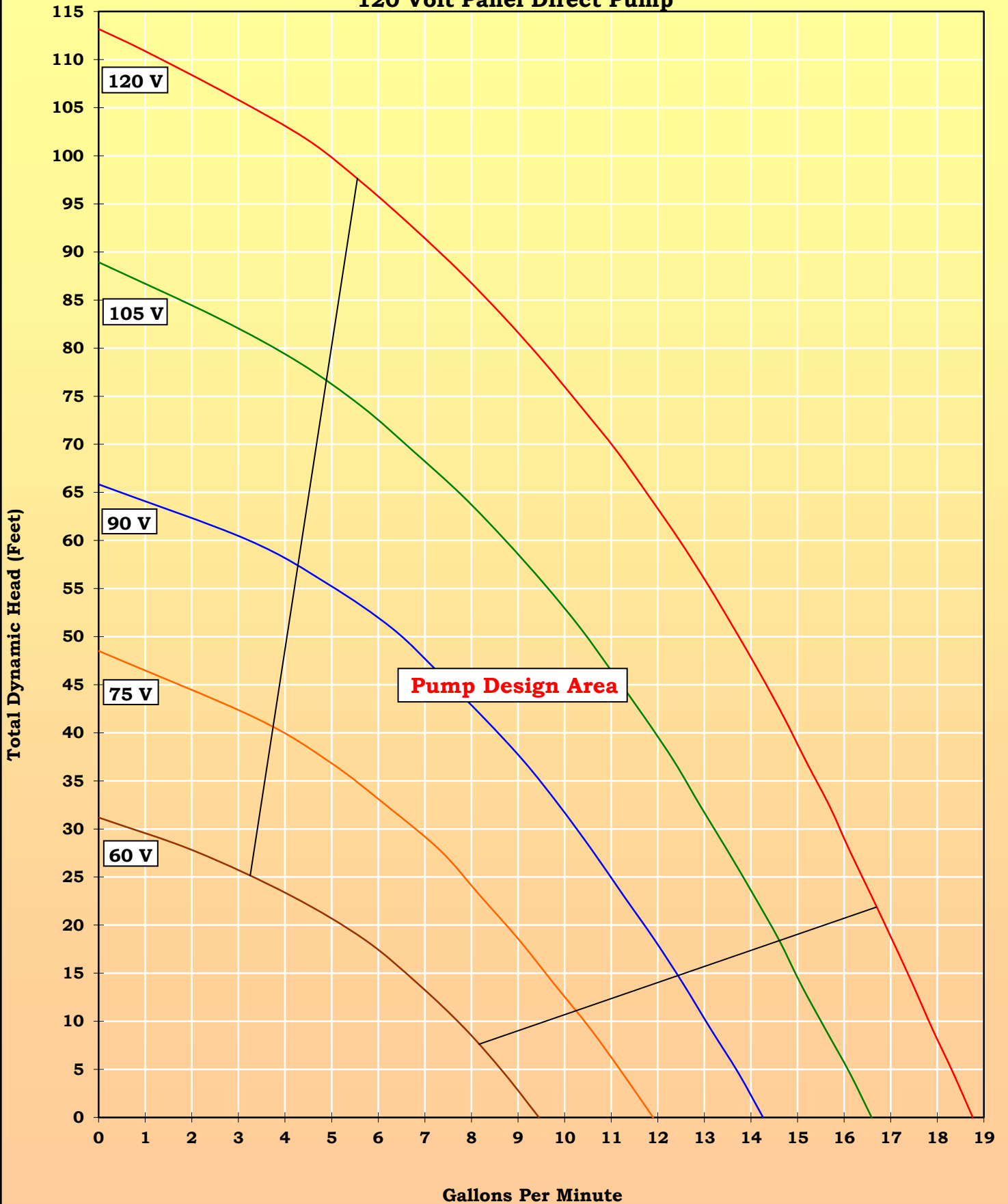


# Multi-Stage Centrifugal Booster Pump Model SCB 10-75-120BL

## 120 Volt Panel Direct Pump



## Multi-Stage Centrifugal Booster Pump Model SCB 10-75-120BL

120 Volt Panel Direct System

4 Stage

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	1.4	9.5	35.8	83	104	0%
2	5	1.4	60	1.4	8.7	32.9	83	104	9%
4	9	2.8	60	1.4	7.9	29.8	85	106	16%
6	14	4.2	60	1.4	6.9	26.0	85	107	21%
8	18	5.6	60	1.4	5.7	21.6	85	106	23%
10	23	7.0	60	1.4	4.1	15.6	83	104	21%
12	28	8.5	60	1.3	2.1	7.8	76	95	14%
14	31	9.5	60	1.1	0.0	0.0	67	83	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	1.8	11.9	45.0	136	170	0%
2	5	1.4	75	1.8	11.2	42.5	137	171	7%
4	9	2.8	75	1.8	10.6	39.9	137	172	13%
6	14	4.2	75	1.9	9.8	37.0	139	173	18%
8	18	5.6	75	1.9	9.0	34.1	140	174	23%
10	23	7.0	75	1.9	8.2	31.0	140	175	25%
12	28	8.5	75	1.9	7.3	27.8	140	175	27%
14	32	9.9	75	1.9	6.2	23.5	140	174	27%
16	37	11.3	75	1.8	5.0	18.8	135	169	26%
18	42	12.7	75	1.7	3.4	12.7	125	157	21%
21	49	14.8	75	1.4	0.0	0.0	107	133	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	2.3	14.3	54.0	207	259	0%
2	5	1.4	90	2.3	13.7	52.0	209	261	6%
4	9	2.8	90	2.3	13.1	49.7	211	263	11%
6	14	4.2	90	2.4	12.6	47.5	212	266	15%
8	18	5.6	90	2.4	11.9	45.2	213	267	19%
10	23	7.0	90	2.4	11.3	42.6	215	269	23%
12	28	8.5	90	2.4	10.6	40.1	216	270	26%
14	32	9.9	90	2.4	9.9	37.5	218	272	28%
16	37	11.3	90	2.4	9.1	34.6	219	273	29%
18	42	12.7	90	2.4	8.3	31.3	218	272	30%
20	46	14.1	90	2.4	7.3	27.7	216	270	29%
22	51	15.5	90	2.4	6.3	23.9	212	266	28%
24	55	16.9	90	2.3	4.9	18.7	207	259	25%
26	60	18.3	90	2.1	3.2	12.1	192	240	19%
29	66	20.1	90	1.8	0.0	0.0	160	200	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	105	2.9	16.6	62.8	299	374	0%
2	5	1.4	105	2.9	16.1	61.0	301	377	5%
4	9	2.8	105	2.9	15.6	59.0	303	379	9%
6	14	4.2	105	2.9	15.1	57.0	306	382	13%
8	18	5.6	105	2.9	14.6	55.3	308	385	17%
10	23	7.0	105	3.0	14.1	53.2	310	387	20%
12	28	8.5	105	3.0	13.5	51.1	313	391	23%
14	32	9.9	105	3.0	12.9	48.9	313	391	25%
16	37	11.3	105	3.0	12.4	46.8	316	395	27%
18	42	12.7	105	3.0	11.7	44.4	318	398	29%
20	46	14.1	105	3.0	11.0	41.8	319	399	30%
22	51	15.5	105	3.0	10.4	39.2	319	399	31%
24	55	16.9	105	3.0	9.6	36.2	318	398	31%
26	60	18.3	105	3.0	8.7	33.0	317	396	31%
28	65	19.7	105	3.0	7.8	29.5	313	391	30%
30	69	21.1	105	2.9	6.8	25.5	308	385	29%
32	74	22.5	105	2.9	5.7	21.4	300	375	26%
34	79	23.9	105	2.7	4.3	16.2	285	356	22%
36	83	25.4	105	2.5	2.6	9.7	266	332	15%
39	89	27.1	105	2.2	0.0	0.0	228	285	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	120	3.4	18.8	71.0	412	515	0%
2	5	1.4	120	3.5	18.3	69.4	414	518	4%
4	9	2.8	120	3.5	17.9	67.7	416	521	7%
6	14	4.2	120	3.5	17.5	66.1	419	524	11%
8	18	5.6	120	3.5	17.0	64.5	422	528	14%
10	23	7.0	120	3.5	16.6	62.8	425	531	17%
12	28	8.5	120	3.6	16.1	61.0	428	536	20%
14	32	9.9	120	3.6	15.7	59.4	431	539	22%
16	37	11.3	120	3.6	15.2	57.5	434	543	24%
18	42	12.7	120	3.7	14.7	55.7	438	548	26%
20	46	14.1	120	3.7	14.2	53.7	439	549	28%
22	51	15.5	120	3.7	13.6	51.6	442	552	30%
24	55	16.9	120	3.7	13.1	49.5	444	555	31%
26	60	18.3	120	3.7	12.5	47.2	445	557	32%
28	65	19.7	120	3.7	11.8	44.7	445	557	32%
30	69	21.1	120	3.7	11.1	42.1	444	555	33%
32	74	22.5	120	3.7	10.4	39.2	440	551	33%
34	79	23.9	120	3.6	9.6	36.2	436	545	32%
36	83	25.4	120	3.6	8.7	33.0	430	537	32%
38	88	26.8	120	3.5	7.8	29.5	421	527	31%
40	92	28.2	120	3.4	6.8	25.7	412	515	29%
42	97	29.6	120	3.3	5.7	21.6	401	501	26%
44	102	31.0	120	3.2	4.5	17.0	385	482	22%
46	106	32.4	120	3.0	2.8	10.7	360	450	16%
48	111	33.8	120	2.8	1.0	3.8	335	419	6%
49	113	34.5	120	2.6	0.0	0.0	307	384	0%

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