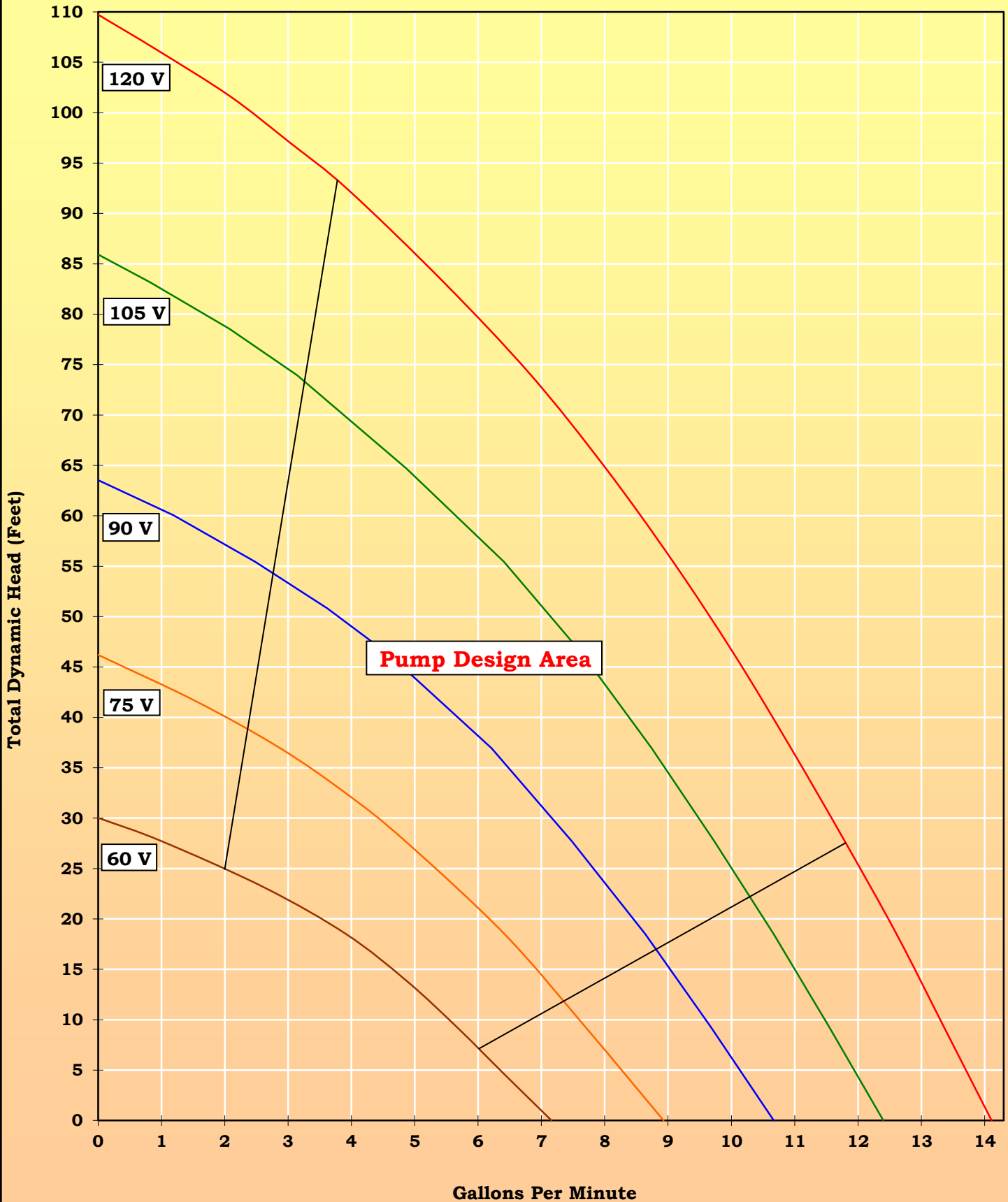


# Multi-Stage Centrifugal Booster Pump Model SCB 8-65-120BL

## 120 Volt Panel Direct Pump



# Multi-Stage Centrifugal Booster Pump

## Model SCB 8-65-120BL

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	1.14	7.16	27.1	68	86	0%
2	5	1.4	60	1.17	6.41	24.3	70	88	8%
4	9	2.8	60	1.20	5.67	21.5	72	90	14%
6	14	4.2	60	1.22	4.87	18.4	73	92	17%
8	18	5.6	60	1.22	3.92	14.8	73	92	19%
10	23	7.0	60	1.19	2.63	10.0	71	89	16%
12	28	8.5	60	1.11	1.00	3.8	67	83	8%
13	30	9.2	60	1.06	0.00	0.0	64	80	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	1.45	8.93	33.8	109	136	0%
4	9	2.8	75	1.49	7.70	29.1	112	140	12%
8	18	5.6	75	1.54	6.42	24.3	116	144	19%
12	28	8.5	75	1.55	4.85	18.4	116	145	22%
14	32	9.9	75	1.53	3.94	14.9	115	143	21%
16	37	11.3	75	1.49	2.87	10.9	112	140	18%
18	42	12.7	75	1.40	1.55	5.9	105	131	12%
20	46	14.1	75	1.31	0.00	0.0	98	123	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	1.81	10.67	40.4	163	204	0%
4	9	2.8	90	1.86	9.68	36.6	167	209	10%
8	18	5.6	90	1.92	8.64	32.7	173	216	17%
12	28	8.5	90	1.95	7.48	28.3	176	219	22%
16	37	11.3	90	1.96	6.21	23.5	176	221	25%
20	46	14.1	90	1.94	4.60	17.4	175	218	23%
22	51	15.5	90	1.91	3.62	13.7	172	215	20%
24	55	16.9	90	1.83	2.48	9.4	165	206	16%
26	60	18.3	90	1.71	1.19	4.5	154	192	9%
28	64	19.4	90	1.61	0.00	0.0	145	181	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	2.21	12.40	46.9	232	290	0%
4	9	2.8	105	2.26	11.55	43.7	237	297	8%
8	18	5.6	105	2.32	10.67	40.4	244	305	15%
12	28	8.5	105	2.35	9.73	36.8	247	308	21%
16	37	11.3	105	2.40	8.74	33.1	252	315	24%
20	46	14.1	105	2.41	7.66	29.0	253	316	26%
24	55	16.9	105	2.41	6.41	24.3	253	316	26%
28	65	19.7	105	2.36	4.87	18.4	248	310	24%
32	74	22.5	105	2.23	3.15	11.9	234	293	19%
34	79	23.9	105	2.14	2.08	7.9	225	281	14%
36	83	25.4	105	2.04	0.82	3.1	214	268	6%
37	86	26.2	105	1.94	0.00	0.0	204	255	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	2.64	14.11	53.4	317	396	0%
4	9	2.8	120	2.70	13.36	50.6	324	405	7%
8	18	5.6	120	2.74	12.61	47.7	329	411	13%
12	28	8.5	120	2.79	11.79	44.6	335	419	18%
16	37	11.3	120	2.84	10.94	41.4	341	426	22%
20	46	14.1	120	2.87	10.05	38.0	344	431	25%
24	55	16.9	120	2.89	9.08	34.4	347	434	27%
28	65	19.7	120	2.91	8.02	30.4	349	437	28%
32	74	22.5	120	2.89	6.84	25.9	347	434	27%
36	83	25.4	120	2.84	5.46	20.7	341	426	25%
40	92	28.2	120	2.74	3.94	14.9	329	411	21%
42	97	29.6	120	2.65	3.03	11.5	318	398	17%
44	102	31.0	120	2.53	2.08	7.9	304	380	13%
46	106	32.4	120	2.41	0.92	3.5	289	362	6%
48	110	33.5	120	2.29	0.00	0.0	275	344	0%

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