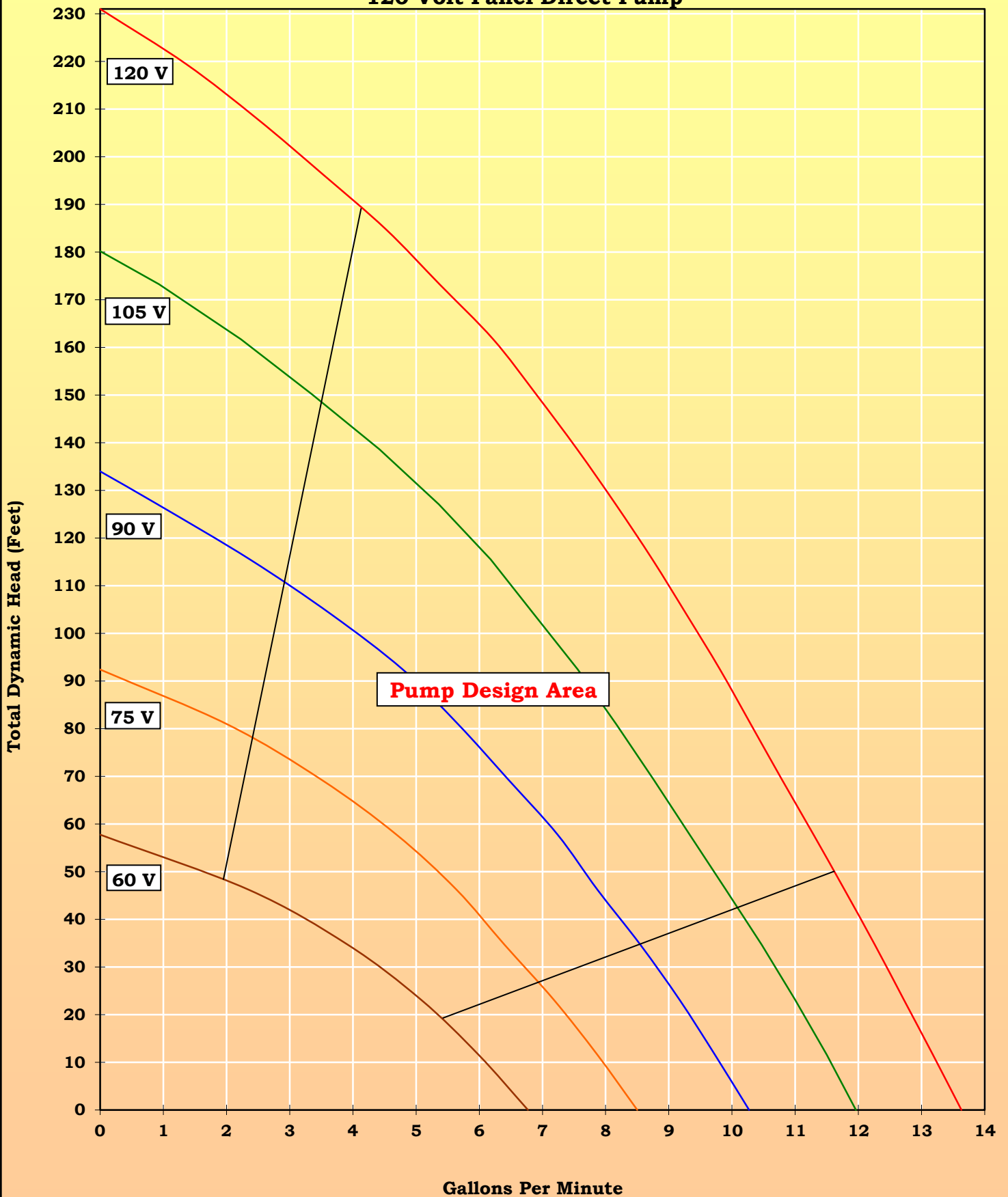


# Multi-Stage Centrifugal Booster Pump Model SCB 8-130-120BL

## 120 Volt Panel Direct Pump



# Multi-Stage Centrifugal Booster Pump

## Model SCB 8-130-120BL

120 Volt Panel Direct System

9 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	1.7	6.8	25.6	100	125	0%
5	12	3.5	60	1.7	6.0	22.7	103	129	13%
10	23	7.0	60	1.8	5.1	19.2	107	134	21%
15	35	10.6	60	1.8	3.9	14.8	109	137	23%
20	46	14.1	60	1.8	2.4	8.9	107	134	19%
25	58	17.6	60	1.5	0.0	0.0	87	109	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	2.3	8.5	32.2	169	211	0%
5	12	3.5	75	2.3	7.9	29.8	173	217	10%
10	23	7.0	75	2.4	7.2	27.2	179	223	18%
15	35	10.6	75	2.4	6.4	24.2	183	229	23%
20	46	14.1	75	2.5	5.6	21.3	185	232	26%
25	58	17.6	75	2.5	4.7	17.8	186	233	27%
30	69	21.1	75	2.4	3.5	13.2	183	229	25%
35	81	24.6	75	2.3	2.0	7.6	171	214	18%
40	92	28.2	75	2.0	0.0	0.0	147	184	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	3.0	10.3	38.9	266	332	0%
5	12	3.5	90	3.0	9.7	36.8	270	338	8%
10	23	7.0	90	3.1	9.2	34.7	277	347	14%
15	35	10.6	90	3.1	8.6	32.4	283	353	20%
20	46	14.1	90	3.2	7.9	29.8	291	363	24%
25	58	17.6	90	3.3	7.2	27.4	293	367	27%
30	69	21.1	90	3.3	6.5	24.5	297	371	28%
35	81	24.6	90	3.3	5.7	21.5	299	374	29%
40	92	28.2	90	3.3	4.8	18.1	297	371	28%
45	104	31.7	90	3.2	3.7	13.9	291	363	25%
50	116	35.2	90	3.1	2.4	9.0	277	347	19%
55	127	38.7	90	2.8	0.9	3.4	252	315	9%
58	134	40.8	90	2.6	0.0	0.0	230	288	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	3.7	12.0	45.3	390	487	0%
5	12	3.5	105	3.8	11.5	43.5	394	492	6%
10	23	7.0	105	3.8	11.0	41.6	402	503	12%
15	35	10.6	105	3.9	10.5	39.6	411	513	17%
20	46	14.1	105	4.0	9.9	37.5	417	521	21%
25	58	17.6	105	4.1	9.3	35.3	425	532	24%
30	69	21.1	105	4.1	8.8	33.2	431	538	27%
35	81	24.6	105	4.2	8.2	30.9	437	546	28%
40	92	28.2	105	4.2	7.6	28.6	441	551	30%
45	104	31.7	105	4.2	6.9	26.0	443	554	30%
50	116	35.2	105	4.2	6.2	23.4	441	551	30%
55	127	38.7	105	4.2	5.4	20.3	437	546	29%
60	139	42.3	105	4.1	4.4	16.7	428	536	27%
65	150	45.8	105	4.0	3.4	12.7	416	520	23%
70	162	49.3	105	3.8	2.2	8.4	395	494	17%
75	173	52.8	105	3.4	0.9	3.5	359	449	8%
78	180	54.9	105	3.2	0.0	0.0	332	415	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	4.5	13.6	51.6	541	677	0%
5	12	3.5	120	4.6	13.2	49.9	548	686	5%
10	23	7.0	120	4.6	12.7	48.1	553	692	10%
15	35	10.6	120	4.7	12.3	46.4	562	702	14%
20	46	14.1	120	4.7	11.8	44.6	569	711	18%
25	58	17.6	120	4.8	11.3	42.7	580	725	21%
30	69	21.1	120	4.9	10.8	40.8	590	738	24%
35	81	24.6	120	5.0	10.3	39.0	595	744	26%
40	92	28.2	120	5.0	9.8	37.1	604	755	28%
45	104	31.7	120	5.1	9.3	35.1	610	762	30%
50	116	35.2	120	5.1	8.7	33.1	608	761	31%
55	127	38.7	120	5.1	8.2	30.9	611	764	32%
60	139	42.3	120	5.1	7.6	28.6	612	765	32%
65	150	45.8	120	5.1	6.9	26.1	614	768	32%
70	162	49.3	120	5.1	6.2	23.5	608	761	31%
75	173	52.8	120	5.0	5.4	20.3	601	752	29%
80	185	56.3	120	4.9	4.5	17.1	589	737	27%
85	196	59.9	120	4.7	3.5	13.3	565	707	23%
90	208	63.4	120	4.6	2.5	9.4	547	684	18%
95	219	66.9	120	4.2	1.4	5.1	505	632	11%
100	231	70.4	120	3.8	0.0	0.0	451	564	0%

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