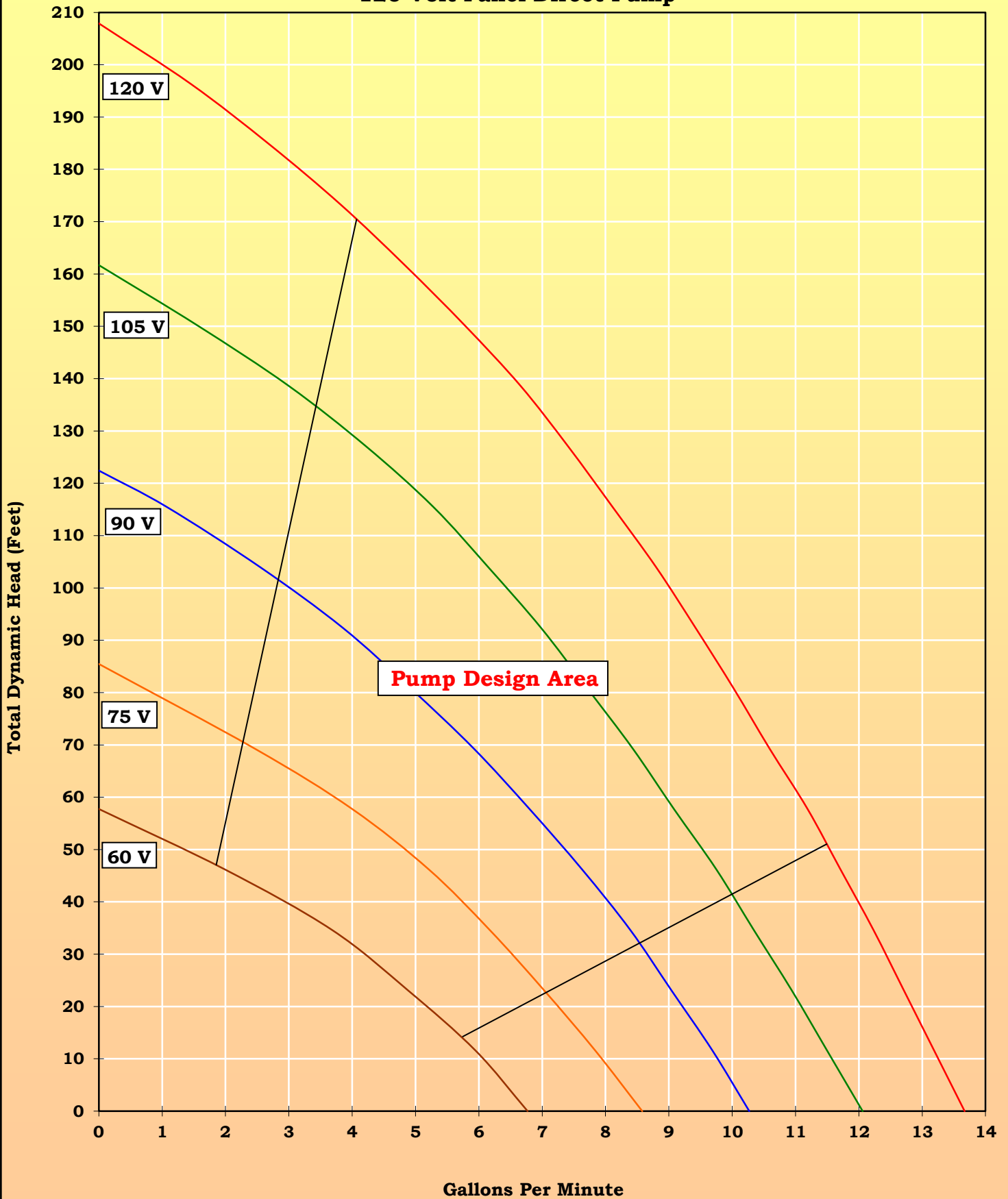


# Multi-Stage Centrifugal Booster Pump Model SCB 8-120-120BL

## 120 Volt Panel Direct Pump



# Multi-Stage Centrifugal Booster Pump

## Model SCB 8-120-120BL

120 Volt Panel Direct System

8 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	1.6	6.8	25.6	95	119	0%
5	12	3.5	60	1.6	6.0	22.5	98	122	13%
10	23	7.0	60	1.7	4.9	18.5	103	128	21%
15	35	10.6	60	1.7	3.7	13.9	103	129	23%
20	46	14.1	60	1.6	2.0	7.5	95	119	18%
25	58	17.6	60	1.4	0.0	0.0	85	106	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	2.1	8.6	32.5	158	198	0%
5	12	3.5	75	2.2	7.8	29.7	163	203	10%
10	23	7.0	75	2.2	7.0	26.6	168	210	18%
15	35	10.6	75	2.3	6.2	23.4	172	215	23%
20	46	14.1	75	2.3	5.2	19.7	174	218	26%
25	58	17.6	75	2.3	4.0	15.1	173	216	25%
30	69	21.1	75	2.2	2.5	9.3	165	206	19%
37	85	26.1	75	1.9	0.0	0.0	139	173	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	2.8	10.3	38.9	248	309	0%
5	12	3.5	90	2.8	9.7	36.7	252	315	8%
10	23	7.0	90	2.9	9.0	34.2	259	324	15%
15	35	10.6	90	3.0	8.4	31.8	266	332	21%
20	46	14.1	90	3.0	7.6	28.9	270	338	25%
25	58	17.6	90	3.0	6.8	25.7	274	342	27%
30	69	21.1	90	3.1	5.9	22.4	275	344	28%
35	81	24.6	90	3.1	4.9	18.6	275	344	27%
40	92	28.2	90	3.0	3.9	14.6	271	339	25%
45	104	31.7	90	2.8	2.6	9.7	256	320	20%
50	116	35.2	90	2.6	1.1	4.0	230	288	10%
53	122	37.3	90	2.4	0.0	0.0	217	271	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	3.4	12.1	45.6	361	452	0%
5	12	3.5	105	3.5	11.5	43.5	366	458	7%
10	23	7.0	105	3.6	10.9	41.4	375	469	13%
15	35	10.6	105	3.6	10.3	39.1	381	476	18%
20	46	14.1	105	3.7	9.8	36.9	389	486	22%
25	58	17.6	105	3.8	9.1	34.4	396	495	25%
30	69	21.1	105	3.8	8.4	31.9	401	501	27%
35	81	24.6	105	3.9	7.7	29.2	405	507	29%
40	92	28.2	105	3.9	7.0	26.4	408	511	30%
45	104	31.7	105	3.9	6.2	23.3	407	509	30%
50	116	35.2	105	3.9	5.3	20.0	404	505	28%
55	127	38.7	105	3.8	4.2	16.0	395	494	26%
60	139	42.3	105	3.6	3.0	11.4	377	471	21%
65	150	45.8	105	3.4	1.6	5.9	356	445	12%
70	162	49.3	105	3.0	0.0	0.0	311	389	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	4.1	13.7	51.7	497	621	0%
5	12	3.5	120	4.2	13.2	49.9	504	630	6%
10	23	7.0	120	4.3	12.7	48.1	514	642	11%
15	35	10.6	120	4.4	12.2	46.3	523	654	15%
20	46	14.1	120	4.4	11.7	44.3	529	662	19%
25	58	17.6	120	4.5	11.2	42.4	538	672	23%
30	69	21.1	120	4.6	10.6	40.1	546	683	25%
35	81	24.6	120	4.6	10.0	37.9	554	693	28%
40	92	28.2	120	4.7	9.4	35.7	562	702	29%
45	104	31.7	120	4.7	8.8	33.3	566	708	30%
50	116	35.2	120	4.7	8.1	30.7	566	708	31%
55	127	38.7	120	4.7	7.4	28.0	569	711	31%
60	139	42.3	120	4.7	6.7	25.2	568	710	31%
65	150	45.8	120	4.7	5.8	21.9	560	701	29%
70	162	49.3	120	4.6	4.8	18.3	547	684	27%
75	173	52.8	120	4.4	3.8	14.5	533	666	23%
80	185	56.3	120	4.3	2.7	10.2	510	638	18%
85	196	59.9	120	3.9	1.5	5.5	470	588	11%
90	208	63.4	120	3.5	0.0	0.0	425	531	0%

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