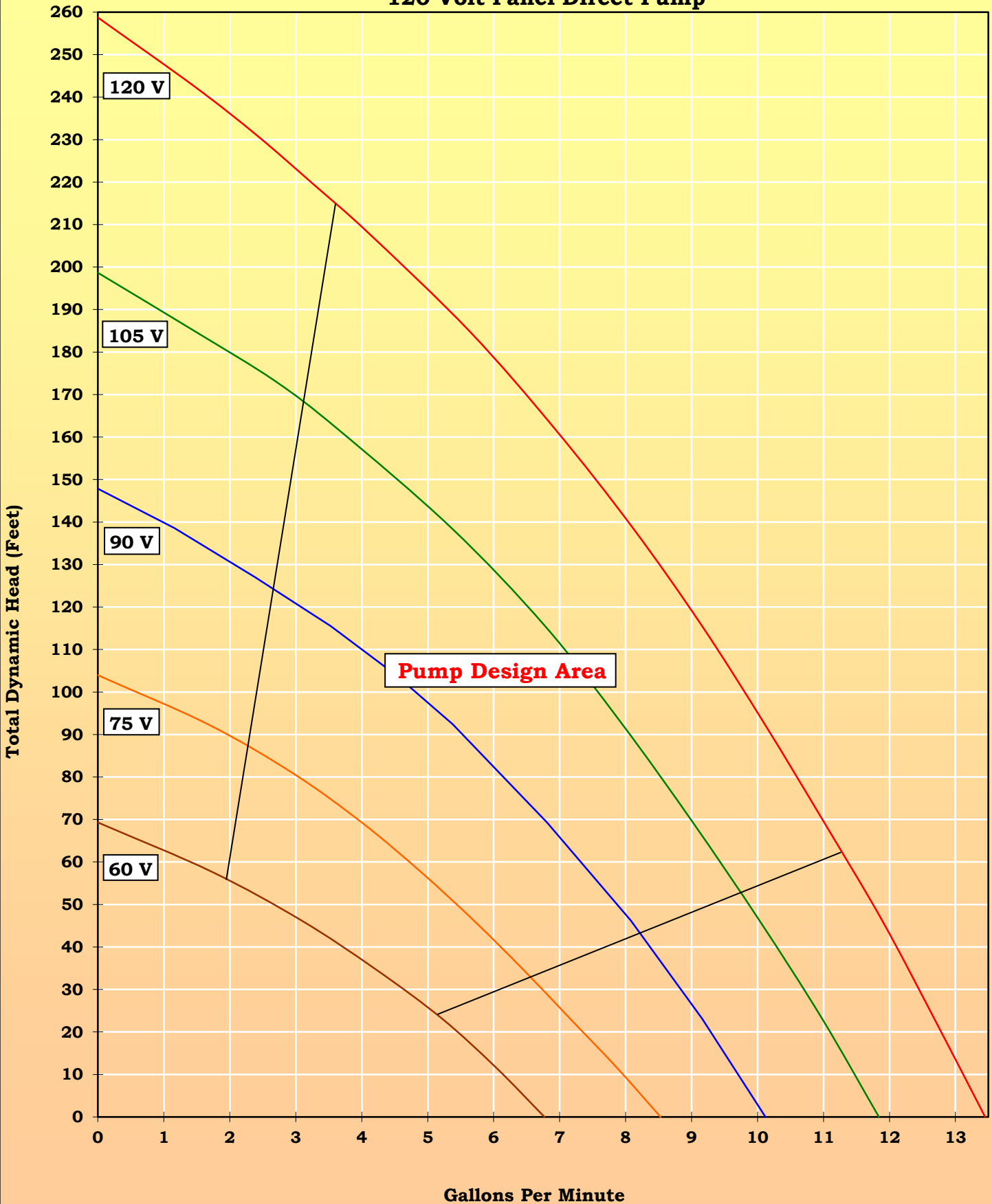


Multi-Stage Centrifugal Booster Pump Model SCB 8-140-120BL

120 Volt Panel Direct Pump



Multi-Stage Centrifugal Booster Pump

Model SCB 8-140-120BL

120 Volt Panel Direct System

10 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	1.78	6.77	25.6	107	134	0%
5	12	3.5	60	1.83	6.04	22.9	110	137	12%
10	23	7.0	60	1.91	5.22	19.8	115	143	20%
15	35	10.6	60	1.95	4.22	16.0	117	146	24%
20	46	14.1	60	1.93	3.09	11.7	116	145	23%
25	58	17.6	60	1.78	1.72	6.5	107	134	18%
30	69	21.1	60	1.56	0.00	0.0	94	117	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	2.39	8.53	32.3	179	224	0%
5	12	3.5	75	2.46	7.87	29.8	185	231	9%
10	23	7.0	75	2.52	7.16	27.1	189	236	16%
15	35	10.6	75	2.60	6.45	24.4	195	244	22%
20	46	14.1	75	2.65	5.70	21.6	199	248	25%
25	58	17.6	75	2.66	4.89	18.5	200	249	27%
30	69	21.1	75	2.65	4.00	15.1	199	248	26%
35	81	24.6	75	2.58	2.96	11.2	194	242	23%
40	92	28.2	75	2.41	1.67	6.3	181	226	16%
45	104	31.7	75	2.11	0.00	0.0	158	198	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	3.14	10.12	38.3	283	353	0%
10	23	7.0	90	3.29	9.16	34.7	296	370	13%
20	46	14.1	90	3.44	8.08	30.6	310	387	23%
30	69	21.1	90	3.54	6.81	25.8	319	398	28%
40	92	28.2	90	3.57	5.38	20.4	321	402	29%
45	104	31.7	90	3.54	4.52	17.1	319	398	28%
50	116	35.2	90	3.50	3.53	13.4	315	394	24%
55	127	38.7	90	3.30	2.38	9.0	297	371	19%
60	139	42.3	90	3.07	1.16	4.4	276	345	11%
64	148	45.1	90	2.75	0.00	0.0	248	309	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	3.98	11.84	44.8	418	522	0%
10	23	7.0	105	4.09	10.98	41.6	429	537	11%
20	46	14.1	105	4.25	10.03	38.0	446	558	20%
30	69	21.1	105	4.39	9.02	34.1	461	576	26%
40	92	28.2	105	4.48	7.95	30.1	470	588	29%
50	116	35.2	105	4.52	6.78	25.7	475	593	31%
60	139	42.3	105	4.47	5.36	20.3	469	587	30%
70	162	49.3	105	4.32	3.65	13.8	454	567	25%
75	173	52.8	105	4.13	2.68	10.1	434	542	20%
80	185	56.3	105	3.89	1.48	5.6	408	511	13%
86	199	60.6	105	3.42	0.00	0.0	359	449	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	4.79	13.45	50.9	575	719	0%
10	23	7.0	120	4.94	12.68	48.0	593	741	9%
20	46	14.1	120	5.11	11.89	45.0	613	767	17%
30	69	21.1	120	5.24	11.01	41.7	629	786	23%
40	92	28.2	120	5.37	10.11	38.3	644	806	27%
50	116	35.2	120	5.48	9.16	34.7	658	822	30%
60	139	42.3	120	5.51	8.11	30.7	661	827	32%
70	162	49.3	120	5.50	6.94	26.3	660	825	32%
80	185	56.3	120	5.45	5.64	21.3	654	818	30%
90	208	63.4	120	5.23	4.11	15.6	628	785	26%
95	219	66.9	120	5.11	3.27	12.4	613	767	22%
100	231	70.4	120	4.81	2.41	9.1	577	722	18%
105	243	73.9	120	4.55	1.46	5.5	546	683	12%
112	259	78.9	120	4.10	0.00	0.0	492	615	0%

*Solar array watts using a 20% deration factor.