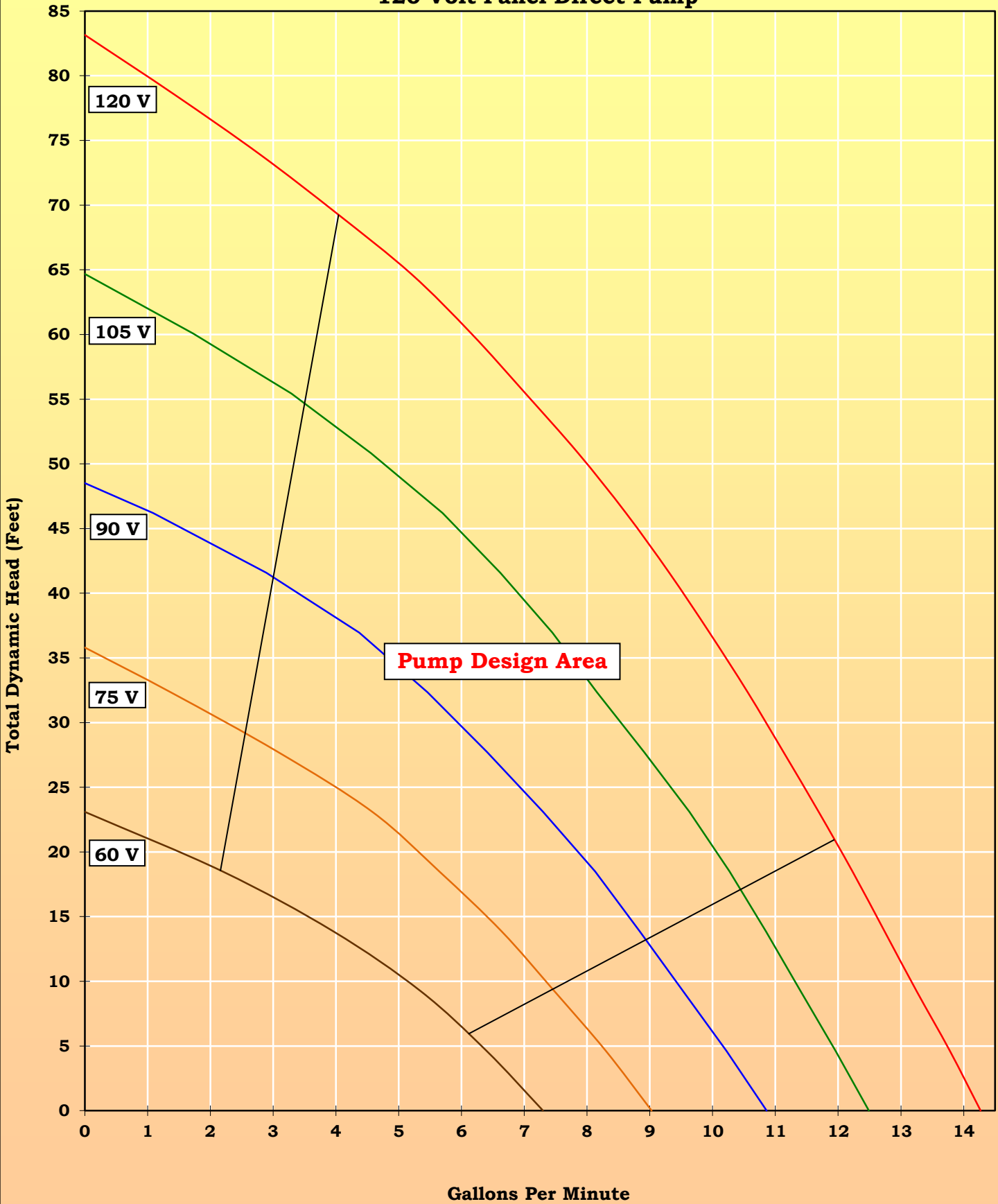


Multi-Stage Centrifugal Booster Pump Model SCB 8-50-120BL

120 Volt Panel Direct Pump



Multi-Stage Centrifugal Booster Pump

Model SCB 8-50-120BL

120 Volt Panel Direct System

3 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	1.06	7.30	27.6	64	80	0%
2	5	1.4	60	1.07	6.40	24.2	64	80	9%
4	9	2.8	60	1.09	5.35	20.2	65	82	14%
6	14	4.2	60	1.10	3.96	15.0	66	83	16%
8	18	5.6	60	1.09	2.20	8.3	65	82	12%
10	23	7.0	60	0.99	0.00	0.0	59	74	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	1.30	9.03	34.2	98	122	0%
2	5	1.4	75	1.32	8.30	31.4	99	124	7%
4	9	2.8	75	1.34	7.48	28.3	101	126	13%
6	14	4.2	75	1.36	6.64	25.1	102	128	17%
8	18	5.6	75	1.37	5.65	21.4	103	128	19%
10	23	7.0	75	1.37	4.58	17.3	103	128	19%
12	28	8.5	75	1.33	3.08	11.7	100	125	16%
14	32	9.9	75	1.25	1.37	5.2	94	117	9%
15.5	36	10.9	75	1.18	0.00	0.0	89	111	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	1.57	10.86	41.1	141	177	0%
2	5	1.4	90	1.60	10.22	38.7	144	180	6%
4	9	2.8	90	1.64	9.53	36.1	148	185	11%
6	14	4.2	90	1.65	8.84	33.5	149	186	16%
8	18	5.6	90	1.68	8.13	30.8	151	189	19%
10	23	7.0	90	1.68	7.30	27.6	151	189	21%
12	28	8.5	90	1.70	6.41	24.3	153	191	22%
14	32	9.9	90	1.68	5.46	20.7	151	189	22%
16	37	11.3	90	1.66	4.37	16.5	149	187	20%
18	42	12.7	90	1.61	2.89	10.9	145	181	16%
20	46	14.1	90	1.51	1.09	4.1	136	170	7%
21	49	14.8	90	1.42	0.00	0.0	128	160	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	1.90	12.49	47.3	200	249	0%
2	5	1.4	105	1.92	11.96	45.3	202	252	5%
4	9	2.8	105	1.94	11.40	43.1	204	255	10%
6	14	4.2	105	1.97	10.85	41.1	207	259	14%
8	18	5.6	105	2.00	10.27	38.9	210	263	17%
10	23	7.0	105	2.02	9.63	36.4	212	265	20%
12	28	8.5	105	2.03	8.91	33.7	213	266	22%
14	32	9.9	105	2.06	8.16	30.9	216	270	23%
16	37	11.3	105	2.06	7.45	28.2	216	270	24%
18	42	12.7	105	2.05	6.62	25.1	215	269	24%
20	46	14.1	105	2.05	5.70	21.6	215	269	23%
22	51	15.5	105	2.01	4.56	17.3	211	264	21%
24	55	16.9	105	1.94	3.29	12.5	204	255	17%
26	60	18.3	105	1.82	1.73	6.5	191	239	10%
28	65	19.7	105	1.69	0.00	0.0	177	222	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	2.25	14.27	54.0	270	338	0%
2	5	1.4	120	2.26	13.78	52.2	271	339	4%
4	9	2.8	120	2.28	13.25	50.2	274	342	8%
6	14	4.2	120	2.31	12.74	48.2	277	347	12%
8	18	5.6	120	2.34	12.23	46.3	281	351	15%
10	23	7.0	120	2.36	11.69	44.2	283	354	18%
12	28	8.5	120	2.38	11.13	42.1	286	357	20%
14	32	9.9	120	2.39	10.56	40.0	287	359	22%
16	37	11.3	120	2.40	9.95	37.7	288	360	24%
18	42	12.7	120	2.41	9.31	35.2	289	362	25%
20	46	14.1	120	2.42	8.62	32.6	290	363	26%
22	51	15.5	120	2.41	7.86	29.8	289	362	26%
24	55	16.9	120	2.41	7.02	26.6	289	362	25%
26	60	18.3	120	2.39	6.16	23.3	287	359	24%
28	65	19.7	120	2.36	5.20	19.7	283	354	22%
30	69	21.1	120	2.30	4.03	15.3	276	345	19%
32	74	22.5	120	2.21	2.79	10.6	265	332	15%
34	79	23.9	120	2.11	1.43	5.4	253	317	8%
36	83	25.4	120	1.96	0.00	0.0	235	294	0%

*Solar array watts using a 20% deration factor.