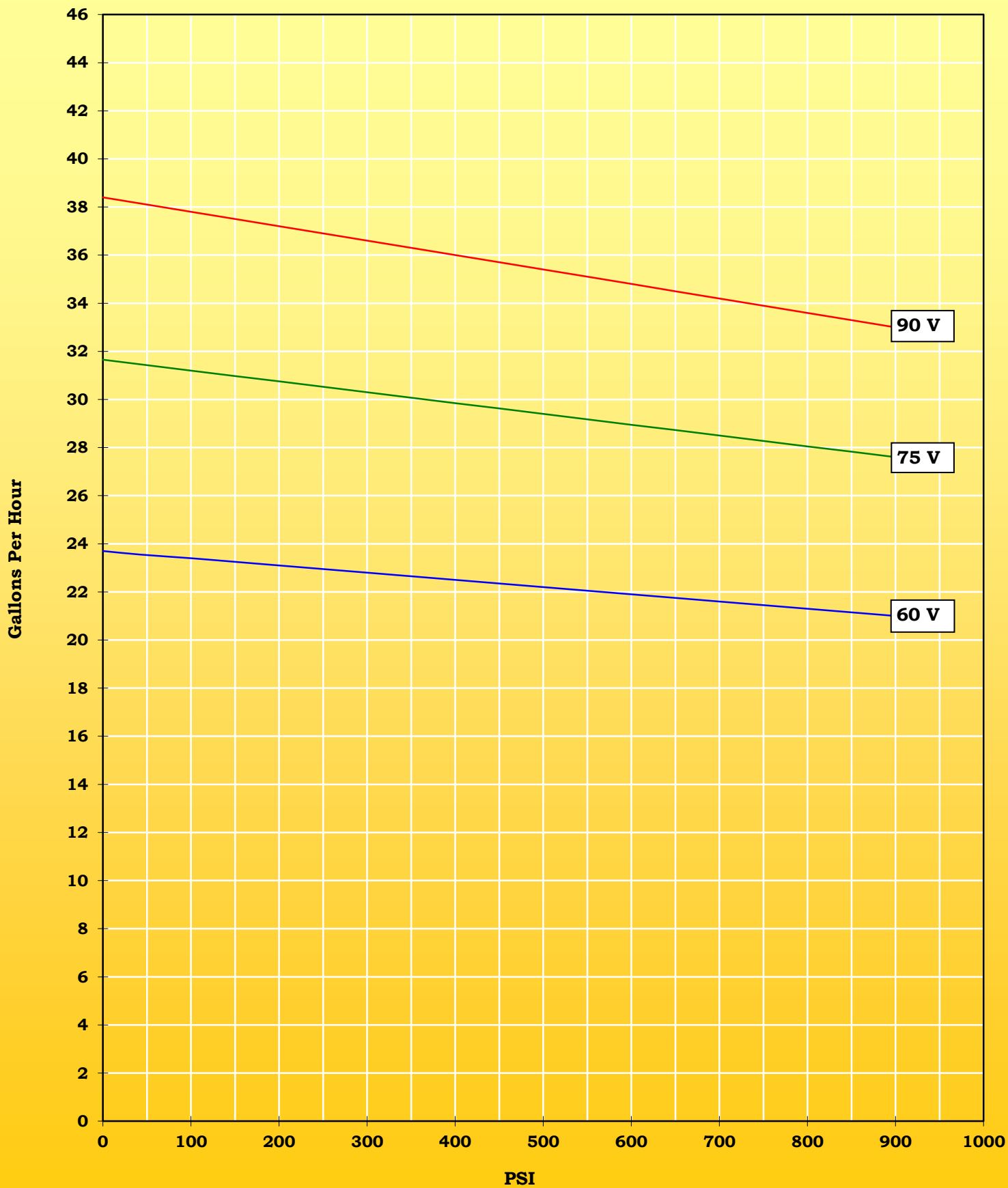


High Pressure Plunger Pump Model SIJ .55-900P-90 BT



High Pressure Plunger Pump

Model SIJ .55-900P-90 BT

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	Gallons Per Hour	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	60	1.86	0.40	23.7	1.5	112	140	0%
43	99	30	60	2.05	0.39	23.6	1.5	123	153	6%
100	231	70	60	2.28	0.39	23.4	1.5	137	171	12%
150	347	106	60	2.48	0.39	23.3	1.5	149	186	17%
200	462	141	60	2.66	0.39	23.1	1.5	160	200	21%
250	578	176	60	2.84	0.38	23.0	1.4	170	213	24%
300	693	211	60	3.01	0.38	22.8	1.4	181	226	27%
350	809	246	60	3.17	0.38	22.7	1.4	190	238	30%
400	924	282	60	3.33	0.38	22.5	1.4	200	250	33%
450	1040	317	60	3.50	0.37	22.4	1.4	210	262	35%
500	1155	352	60	3.67	0.37	22.2	1.4	220	275	37%
550	1271	387	60	3.83	0.37	22.1	1.4	230	287	38%
600	1386	423	60	3.97	0.37	21.9	1.4	238	298	40%
650	1502	458	60	4.13	0.36	21.8	1.4	248	309	41%
700	1617	493	60	4.28	0.36	21.6	1.4	257	321	43%
750	1733	528	60	4.42	0.36	21.5	1.4	265	332	44%
800	1848	563	60	4.56	0.36	21.3	1.3	273	342	45%
850	1964	599	60	4.70	0.35	21.2	1.3	282	353	46%
900	2079	634	60	4.85	0.35	21.0	1.3	291	364	47%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	Gallons Per Hour	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	75	1.94	0.53	31.7	2.0	146	182	0%
50	116	35	75	2.13	0.52	31.4	2.0	160	200	7%
100	231	70	75	2.32	0.52	31.2	2.0	174	218	13%
150	347	106	75	2.53	0.52	31.0	2.0	189	237	18%
200	462	141	75	2.70	0.51	30.8	1.9	203	254	22%
250	578	176	75	2.88	0.51	30.5	1.9	216	270	26%
300	693	211	75	3.05	0.51	30.3	1.9	228	285	29%
350	809	246	75	3.21	0.50	30.1	1.9	240	301	32%
400	924	282	75	3.37	0.50	29.9	1.9	253	316	34%
450	1040	317	75	3.55	0.49	29.6	1.9	266	333	36%
500	1155	352	75	3.71	0.49	29.4	1.9	278	348	38%
550	1271	387	75	3.87	0.49	29.2	1.8	290	363	40%
600	1386	423	75	4.01	0.48	29.0	1.8	301	376	42%
650	1502	458	75	4.18	0.48	28.7	1.8	313	391	43%
700	1617	493	75	4.33	0.48	28.5	1.8	325	406	45%
750	1733	528	75	4.48	0.47	28.3	1.8	336	420	46%
800	1848	563	75	4.64	0.47	28.1	1.8	348	435	47%
850	1964	599	75	4.78	0.46	27.8	1.8	359	448	48%
900	2079	634	75	4.94	0.46	27.6	1.7	370	463	49%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM		LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	90	2.00	0.64	38.4	2.4	180	225	0%
50	116	35	90	2.17	0.64	38.1	2.4	196	245	7%
100	231	70	90	2.37	0.63	37.8	2.4	213	266	13%
150	347	106	90	2.55	0.63	37.5	2.4	230	287	18%
200	462	141	90	2.73	0.62	37.2	2.3	246	307	22%
250	578	176	90	2.90	0.62	36.9	2.3	261	326	26%
300	693	211	90	3.07	0.61	36.6	2.3	276	345	29%
350	809	246	90	3.24	0.61	36.3	2.3	292	365	32%
400	924	282	90	3.41	0.60	36.0	2.3	307	384	34%
450	1040	317	90	3.58	0.60	35.7	2.3	323	403	36%
500	1155	352	90	3.75	0.59	35.4	2.2	338	422	38%
550	1271	387	90	3.91	0.59	35.1	2.2	352	440	40%
600	1386	423	90	4.06	0.58	34.8	2.2	365	457	41%
650	1502	458	90	4.22	0.58	34.5	2.2	380	475	43%
700	1617	493	90	4.38	0.57	34.2	2.2	394	493	44%
750	1733	528	90	4.54	0.57	33.9	2.1	409	511	45%
800	1848	563	90	4.71	0.56	33.6	2.1	424	530	46%
850	1964	599	90	4.87	0.56	33.3	2.1	438	548	47%
900	2079	634	90	5.03	0.55	33.0	2.1	453	566	48%

* Solar array watts using a 20% deration factor.