

Sunpumps High Pressure Plunger Pump Model SIJ 3.28-260P-75 BT



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PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	30	2.68	1.45	5.5	80	101	0%
20	46	14	30	3.14	1.44	5.5	94	118	13%
40	92	28	30	3.60	1.43	5.4	108	135	23%
60	139	42	30	4.06	1.42	5.4	122	152	30%
80	185	56	30	4.57	1.41	5.3	137	171	36%
100	231	70	30	5.09	1.39	5.3	153	191	40%
120	277	85	30	5.57	1.38	5.2	167	209	43%
140	323	99	30	5.98	1.37	5.2	179	224	47%
160	370	113	30	6.48	1.36	5.1	194	243	49%
180	416	127	30	6.94	1.35	5.1	208	260	51%
200	462	141	30	7.40	1.34	5.1	222	278	52%
220	508	155	30	7.84	1.32	5.0	235	294	54%
240	554	169	30	8.33	1.31	5.0	250	312	55%
260	601	183	30	8.73	1.30	4.9	262	327	56%
280	647	197	30	9.15	1.28	4.8	275	343	57%
300	693	211	30	9.66	1.27	4.8	290	362	57%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	45	3.03	2.13	8.1	136	170	0%
20	46	14	45	3.49	2.12	8.0	157	196	12%
40	92	28	45	3.95	2.11	8.0	178	222	21%
60	139	42	45	4.41	2.10	7.9	198	248	28%
80	185	56	45	4.87	2.09	7.9	219	274	33%
100	231	70	45	5.35	2.08	7.9	241	301	38%
120	277	85	45	5.75	2.07	7.8	259	323	42%
140	323	99	45	6.23	2.06	7.8	280	350	45%
160	370	113	45	6.68	2.05	7.7	301	376	47%
180	416	127	45	7.21	2.04	7.7	324	406	49%
200	462	141	45	7.71	2.02	7.7	347	434	51%
220	508	155	45	8.07	2.01	7.6	363	454	53%
240	554	169	45	8.58	1.99	7.5	386	483	54%
260	601	183	45	9.03	1.98	7.5	406	508	55%
280	647	197	45	9.43	1.97	7.4	424	530	56%
300	693	211	45	9.90	1.95	7.4	446	557	57%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	60	3.26	2.79	10.6	196	245	0%
20	46	14	60	3.76	2.78	10.5	226	282	11%
40	92	28	60	4.26	2.77	10.5	256	320	19%
60	139	42	60	4.76	2.76	10.4	286	357	25%
80	185	56	60	5.26	2.75	10.4	316	395	30%
100	231	70	60	5.73	2.74	10.4	344	430	35%
120	277	85	60	6.19	2.73	10.3	371	464	38%
140	323	99	60	6.66	2.72	10.3	400	500	41%
160	370	113	60	7.04	2.71	10.2	422	528	45%
180	416	127	60	7.58	2.70	10.2	455	569	46%
200	462	141	60	8.00	2.68	10.1	480	600	49%
220	508	155	60	8.43	2.67	10.1	506	632	50%
240	554	169	60	8.90	2.65	10.0	534	668	52%
260	601	183	60	9.33	2.63	10.0	560	700	53%
280	647	197	60	9.73	2.62	9.9	584	730	55%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0	75	4.37	3.42	12.9	328	410	0%
20	46	14	75	4.77	3.41	12.9	358	447	8%
40	92	28	75	5.17	3.40	12.9	388	485	15%
60	139	42	75	5.57	3.39	12.8	418	522	21%
80	185	56	75	5.97	3.38	12.8	448	560	26%
100	231	70	75	6.37	3.37	12.8	478	597	31%
120	277	85	75	6.77	3.36	12.7	508	635	35%
140	323	99	75	7.17	3.35	12.7	538	672	38%
160	370	113	75	7.61	3.34	12.6	571	713	41%
180	416	127	75	8.03	3.33	12.6	602	753	43%
200	462	141	75	8.38	3.32	12.5	629	786	46%
220	508	155	75	8.80	3.31	12.5	660	825	48%
240	554	169	75	9.25	3.29	12.5	694	867	50%
260	601	183	75	9.71	3.28	12.4	728	910	51%

* Solar array watts using a 20% deration factor.