

**SQ Flex Sizing Table - El Paso, Texas
180 Watt Panels, 45 Voc, 36 Vmp**

Head (ft)	100	200	300	400	500	600	700	800	Number of Panels	Number of Panels in Series
GPD	3654	2005	1551	1046					2	2
GPM	8.2	4.7	3.6	2.6						
Model	11SQF-2	6SQF-2	6SQF-2	6SQF-3						
Cable	14	12	10	10						
GPD	5519	2739	2433	1823	1236	1067			3	3
GPM	11.9	5.5	5.5	4.2	2.6	2.6				
Model	11SQF-2	6SQF-2	6SQF-3	6SQF-3	3SQF-3	3SQF-3				
Cable	14	14	12	12	10	10				
GPD	6483	4335	2924	2491	1979	1321	962	505	4	4
GPM	12.5	10.0	5.8	5.6	4.7	2.7	2.6	1.5		
Model	11SQF-2	11SQF-2	6SQF-3	6SQF-3	6SQF-3	3SQF-3	6SQF-3	6SQF-3		
Cable	14	14	14	12	12	10	10	10		
GPD	10525	5725	3331	3006	2602	2211	1794	1297	6	6
GPM	24.7	12.0	5.9	5.7	5.5	5.2	4.6	3.5		
Model	25SQF-7	11SQF-2	6SQF-3	6SQF-3	6SQF-3	6SQF-3	6SQF-3	6SQF-2		
Cable	14	14	14	14	14	12	12	12		
GPD	11489	6393	4351	3252					8	4
GPM	23.3	12.0	10.6	5.7						
Model	25SQF-7	11SQF-2	11SQF-2	6SQF-3						
Cable	14	12	10	10						
GPD	15039	7827	3757	3503	3265	2948	2589	2243	12	6
GPM	27.7	14.5	5.9	5.7	5.5	5.2	4.9	4.6		
Model	25SQF-7	11SQF-2	6SQF-3	6SQF-3	6SQF-3	6SQF-3	6SQF-3	6SQF-3		
Cable	14	14	12	12	10	10	8	8		

This chart can be used to select an SQ Flex Solar pumping system for El Paso, Texas and will approximate the performance for the SQ Flex systems through out our sales territory. The chart is based on the maximum daily flow rate. For specific computerized system sizing, please call our office. Using the Grundfos Win Caps computer aided sizing program we can custom size the pumping system that best fits your needs

The cable sizing allows for a 5% voltage drop.