

<b>SQ Flex Sizing Table - El Paso, Texas</b>												
<b>Solar Tech, SPM-080P, 80 Watt Panels, 3600 RPM Pumps</b>												
<b>Head (ft)</b>	<b>100</b>	<b>200</b>	<b>300</b>	<b>400</b>	<b>500</b>	<b>600</b>	<b>700</b>	<b>800</b>	<b>Number of Panels</b>	<b>Power (Pmax) (Watts)</b>	<b>Maximum Open Circuit Voltage (Voc) 41.5 Volts/Panel</b>	<b>Number of Panels in Series</b>
<b>GPD</b>	1120	526	335	251					2	160	84	2
<b>GPM</b>	2.5	1.1	0.8	0.6								
<b>Model</b>	<b>6SQF-2</b>	<b>3SQF-2</b>	<b>3SQF-2</b>	<b>3SQF-3</b>								
<b>Cable</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>12</b>								
<b>GPD</b>	2063	1057	777	526	388	230			3	240	126	3
<b>GPM</b>	4.4	2.4	1.7	1.1	0.9	0.5						
<b>Model</b>	<b>11SQF-2</b>	<b>6SQF-2</b>	<b>6SQF-3</b>	<b>3SQF-3</b>	<b>3SQF-3</b>	<b>3SQF-3</b>						
<b>Cable</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>12</b>						
<b>GPD</b>	3017	1675	1218	811	650	428			4	320	168	4
<b>GPM</b>	6.4	3.6	2.6	1.7	1.4	1.0						
<b>Model</b>	<b>11SQF-2</b>	<b>6SQF-2</b>	<b>6SQF-3</b>	<b>3SQF-3</b>	<b>3SQF-3</b>	<b>3SQF-3</b>						
<b>Cable</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>						
<b>GPD</b>	4636	2536	1994	1392	1065	845			6	480	249	6
<b>GPM</b>	9.3	5.4	4.1	3.0	2.3	1.9						
<b>Model</b>	<b>11SQF-2</b>	<b>6SQF-2</b>	<b>6SQF-3</b>	<b>6SQF-3</b>	<b>3SQF-3</b>	<b>3SQF-3</b>						
<b>Cable</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>						
<b>GPD</b>	6858	4929	3149	2726	2230	1427	1131	668	12	960	249	6
<b>GPM</b>	12.5	10.2	5.9	5.7	4.7	2.7	2.6	1.5				
<b>Model</b>	<b>11SQF-2</b>	<b>11SQF-2</b>	<b>6SQF-3</b>	<b>6SQF-3</b>	<b>6SQF-3</b>	<b>3SQF-3</b>	<b>6SQF-3</b>	<b>6SQF-3</b>				
<b>Cable</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>12</b>	<b>12</b>	<b>12</b>				

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.