E-Z Selection Chart for Grundfos SQFlex

Output figures are approximate. Output will vary according to the location and the season.				
Solar panels needed / Water depth	Module Watts	250	250	250
	Qty of Modules	2	4	6
	Array Watts	500	1000	1500
25 Feet	Pump Model	40 SQF-3	60SQF-3	60 SQF-3
	Summer	13,000	26,000	35,000
	Winter	9,500	20,000	27,000
	Max Flow in GPM	24	47	62
50 Feet	Pump Model	11 SQF-2	40 SQF-5	40 SQF-5
	Summer	5,500	15,000	22,000
	Winter	4,300	10,000	16,000
	Max Flow in GPM	9.6	27	40
75 Feet	Pump Model	11 SQF-2	25 SQF-7	40 SQF-5
	Summer	4,600	9,200	14,500
	Winter	3,400	6,700	10,000
	Max Flow in GPM	8	17	27
100 Feet	Pump Model	11 SQF-2	11 SQF-2	25 SQF-7
	Summer	3,600	6,700	10,500
	Winter	2,600	5,400	7,500
	Max Flow in GPM	6.4	12	19
125 Feet	Pump Model	11 SQF-2	11 SQF-2	16 SQF-10
	Summer	2,900	6,100	7,700
	Winter	2,000	4,800	5,600
	Max Flow in GPM	5.3	11	14
150 Feet	Pump Model	6 SQF-2	11 SQF-2	11 SQF-2
	Summer	2,400	5,700	7,000
	Winter	1,800	4,200	5,500
	Max Flow in GPM	4.5	10	12
175 Feet	Pump Model	6 SQF-2	11 SQF-2	11 SQF-2
	Summer	2,300	5,000	6,600
	Winter	1,700	3,600	5,200
	Max Flow in GPM	4.1	8.8	12
200 Feet	Pump Model	6 SQF-2	11 SQF-2	11 SQF-2
	Summer	2,000	4,200	6,200
	Winter	1,500	3,000	4,800
	Max Flow in GPM	3.8	7.6	12
250 Feet	Pump Model	6 SQF-2	6 SQF-2	11 SQF-2
	Summer	1,600	3,000	5,300
	Winter	1,100	2,500	3,700
	Max Flow in GPM	3	5.5	9.6
300 Feet	Pump Model	6 SQF-3	6 SQF-3	6 SQF-3
	Summer	1,500	3,000	3,500
	Winter	1,100	2,400	3,000
	Max Flow in GPM	2.8	5.7	5.9
400 Feet	Pump Model	3 SQF-3	6 SQF-3	6 SQF-3
	Summer	975	2,600	3,200
	Winter	700	1,900	2,600
	Max Flow in GPM	1.8	4.8	5.7
500 Feet	Pump Model	3 SQF-3	6 SQF-3	6 SQF-3
	Summer	800	2,000	2,800
	Winter	575	1,400	2,200
	Max Flow in GPM	1.5	3.7	5.5
650 Feet	Pump Model	3 SQF-3	3 SQF-3	6 SQF-3
	Summer	500	1,300	2,100
	Winter	300	1,000	1,400
	Max Flow in GPM	0.9	2.5	4.1
800 Feet	Pump Model	Not enough power from the solar panels	Not enough power from the solar panels	6 SQF-3
	Summer			1,300
	Winter			800
	Max Flow in GPM			2.5