

North America - SQFlex Sizing Table, Performance [GPD], January

Zone	Solar radiation	Total Head [ft]													No. of GF 43	Power [Wp]								
		20	40	60	90	120	160	180	220	260	300	340	360	390										
		ZONE W tilt angle 15°, 0.3 kWh/m ² day																						
		ZONE W tilt angle 30°, 0.3 kWh/m ² day																						
		ZONE W tilt angle 45°, 0.3 kWh/m ² day																						
		ZONE 0 tilt angle 15°, 0.9 kWh/m ² day																						
		ZONE 0 tilt angle 30°, 0.9 kWh/m ² day																						
ZONE 0	tilt angle 45°	0.9 kWh/m ² day	354	211	106	42.3	26.4	7.9	2.6									4	172					
			11 SQF-2				3 SQF-2																	
			1350	1020	732	304	262	217	198	153	106	60.8	31.7	10.6					8	344				
			11 SQF-2				3 SQF-2																	
			2530	1760	1380	740	473	410	383	320	259	211	161	127	84.5				12	516				
			25 SQF-3	11 SQF-2				3 SQF-2																
			4060	2370	1950	1220	737	581	552	481	415	346	280	248	206				16	688				
			25 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2															
5460	2880	2460	1660	1060	790	697	626	552	481	410	367	309				20	860							
40 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2																		
		ZONE A tilt angle 15°, 1.5 kWh/m ² day																						
ZONE A	tilt angle 30°	1.5 kWh/m ² day	520	346	211	84.5	58.1	34.3	26.4	2.6								4	172					
			11 SQF-2				3 SQF-2																	
			1750	1360	1020	446	362	304	277	217	164	114	66.1	39.6	15.9				8	344				
			11 SQF-2				3 SQF-2																	
			3580	2240	1780	1050	647	526	497	431	365	299	230	193	148				12	516				
			25 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2															
			5250	3000	2490	1600	1000	766	695	608	536	468	396	354	293				16	688				
			40 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2															
7180	3650	3120	2150	1450	1030	930	790	697	616	542	497	436				20	860							
40 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2																		
1650	1270	948	415	336	277	254	198	153	103	55.5	34.3	10.6				4	172							
11 SQF-2				3 SQF-2																				
4940	2820	2330	1510	925	713	650	579	507	439	367	325	264				8	344							
25 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2																		
8390	3960	3470	2490	1760	1210	1100	893	787	713	639	589	526				12	516							
40 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2																		
11500	5440	4200	3350	2520	1780	1520	1290	1070	880	811	769	724				16	688							
75 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2				3 SQF-2														
14400	6970	4690	3920	3200	2390	2070	1590	1400	1190	1000	904	835				20	860							
75 SQF-3	25 SQF-3	25 SQF-6	11 SQF-2				6 SQF-2				3 SQF-2													

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Zone	Solar radiation	Total Head [ft]												No. of GF 43	Power [Wp]			
		20	40	60	90	120	160	180	220	260	300	340	360			390		
ZONE B	tilt angle 15°	719	481	293	135	100	63.4	47.6	21.1						4	172		
		11 SQF-2				3 SQF-2												
		2170	1680	1260	621	439	375	349	288	225	159	108	74.0	37.0	8	344		
		25 SQF-3	11 SQF-2				3 SQF-2											
		4360	2690	2180	1300	795	647	610	526	446	378	309	262	203	12	516		
		25 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2										
		6430	3520	2970	1990	1260	927	845	753	661	571	483	441	380	16	688		
		40 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2										
		8800	4220	3660	2620	1800	1270	1140	930	851	761	666	602	528	20	860		
		40 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2								
ZONE B	tilt angle 30°	1180	864	600	264	214	166	148	103	55.5	23.8			4	172			
		11 SQF-2				3 SQF-2												
		3580	2260	1800	1040	647	526	497	431	365	299	227	188	145	8	344		
		25 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2										
		6240	3370	2840	1890	1220	901	806	711	621	542	470	425	367	12	516		
		40 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2								
		8960	4190	3700	2690	1870	1290	1160	951	851	771	679	621	557	16	688		
		40 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2								
		11400	5310	4310	3380	2530	1730	1540	1270	1040	914	843	798	727	20	860		
		40 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2							
ZONE B	tilt angle 45°	3350	2140	1690	972	602	502	473	407	341	275	209	174	129	4	172		
		25 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2										
		8440	4060	3550	2550	1760	1210	1110	898	814	729	642	592	528	8	344		
		40 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2								
		13200	6300	4560	3790	2960	2100	1790	1500	1250	1030	906	869	808	12	516		
		75 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2							
		17500	8300	5960	4400	3790	3000	2610	1910	1670	1450	1280	1190	1040	16	688		
		75 SQF-3	25 SQF-6			11 SQF-2				6 SQF-2								
		21000	11200	7790	4720	4210	3600	3290	2590	1940	1710	1550	1460	1360	20	860		
		75 SQF-3	25 SQF-6	11 SQF-2						6 SQF-2								

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Zone	Solar radiation	Total Head [ft]												No. of GF 43	Power [Wp]	
		20	40	60	90	120	160	180	220	260	300	340	360			390
ZONE C tilt angle 15°	2.6 kWh/m ² day	1270	938	661	293	240	185	161	114	66.1	26.4	2.6			4	172
		11 SQF-2				3 SQF-2										
		3850	2460	1960	1120	697	579	544	460	394	328	256	211	159	8	344
		25 SQF-3	11 SQF-2			6 SQF-2	3 SQF-2									
		6720	3610	3060	2070	1320	970	869	779	684	594	502	460	399	12	516
		40 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2								
		9840	4490	3950	2910	2060	1420	1290	1020	917	843	750	684	605	16	688
		40 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2						
		12400	5730	4620	3630	2750	1860	1680	1400	1130	980	914	867	798	20	860
		40 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2					
ZONE C tilt angle 30°	2.6 kWh/m ² day	1930	1480	1120	526	399	338	312	251	188	135	84.5	52.8	26.4	4	172
		11 SQF-2				3 SQF-2										
		5800	3250	2720	1780	1120	843	769	679	587	510	439	394	333	8	344
		40 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2								
		9800	4400	3940	2920	2080	1420	1290	1040	901	832	745	682	605	12	516
		40 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2						
		13200	6250	4630	3830	2980	2070	1760	1520	1250	1020	927	890	830	16	688
		75 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2					
		16700	7980	5450	4350	3680	2810	2400	1830	1620	1380	1170	1070	943	20	860
		75 SQF-3	25 SQF-3		11 SQF-2				6 SQF-2					3 SQF-2		
ZONE C tilt angle 45°	2.6 kWh/m ² day	5160	3030	2500	1570	956	745	703	616	526	454	386	341	280	4	172
		25 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2								
		12200	5630	4500	3580	2710	1840	1650	1370	1100	964	898	851	785	8	344
		40 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2					
		18400	8750	6280	4590	3970	3170	2760	1970	1770	1550	1330	1220	1080	12	516
		75 SQF-3	25 SQF-6		11 SQF-2				6 SQF-2							
		23000	12600	8790	5290	4510	3960	3650	2940	2200	1860	1720	1650	1510	16	688
		75 SQF-3		25 SQF-6		11 SQF-2				6 SQF-2						
26600	16300	10700	7170	4820	4320	4070	3510	2910	2210	1910	1840	1730	20	860		
75 SQF-3		25 SQF-6		11 SQF-2				6 SQF-2								

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Zone	Solar radiation	Total Head [ft]												No. of GF 43	Power [Wp]	
		20	40	60	90	120	160	180	220	260	300	340	360			390
ZONE D tilt angle 15°	3.2 kWh/m ² day	1840	1400	1030	449	370	309	283	222	159	108	58.1	31.7	7.9	4	172
		11 SQF-2				3 SQF-2										
		5470	3150	2610	1670	1010	779	740	650	560	473	402	359	299	8	344
		25 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2								
		9420	4400	3840	2800	1960	1360	1230	964	896	814	716	653	573	12	516
		40 SQF-3	11 SQF-2				6 SQF-2		3 SQF-2							
		12800	5960	4710	3720	2840	1940	1730	1450	1180	993	933	885	822	16	688
		75 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2					
		16300	7880	5170	4370	3580	2670	2270	1820	1590	1310	1080	999	954	20	860
		75 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2					
ZONE D tilt angle 30°	3.2 kWh/m ² day	3160	2110	1650	909	568	481	452	388	325	256	188	151	108	4	172
		25 SQF-3	11 SQF-2			6 SQF-2	3 SQF-2									
		8330	4080	3520	2500	1700	1200	1070	898	814	721	626	568	505	8	344
		40 SQF-3	11 SQF-2				6 SQF-2		3 SQF-2							
		13000	6100	4640	3780	2910	2010	1750	1490	1210	988	927	885	824	12	516
		75 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2					
		17500	8320	5820	4480	3830	2970	2560	1890	1700	1470	1230	1130	988	16	688
		75 SQF-3	25 SQF-3		11 SQF-2				6 SQF-2							
		21100	10700	7710	4860	4310	3660	3320	2520	1930	1750	1580	1480	1340	20	860
		75 SQF-3		25 SQF-6	11 SQF-2				6 SQF-2							
ZONE D tilt angle 45°	3.2 kWh/m ² day	Not actual												4	172	
														8	344	
														12	516	
														16	688	
														20	860	

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Zone	Solar radiation	Total Head [ft]												No. of GF 43	Power [Wp]	
		20	40	60	90	120	160	180	220	260	300	340	360			390
ZONE E	tilt angle 15°	2540	1860	1420	724	486	415	388	325	262	193	135	100	58.1	4	172
		25 SQF-3	11 SQF-2				3 SQF-2									
		7230	3760	3200	2200	1420	1040	919	822	724	634	542	489	428	8	344
		40 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2						
		11700	5250	4520	3460	2570	1710	1580	1300	1030	954	882	832	750	12	516
		40 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2					
		16100	7730	5160	4340	3520	2610	2210	1790	1560	1280	1050	993	948	16	688
		75 SQF-3	25 SQF-3	11 SQF-2					6 SQF-2			3 SQF-2				
19600	9330	6810	4850	4150	3390	2990	2130	1870	1650	1450	1330	1150	20	860		
75 SQF-3	25 SQF-6		11 SQF-2					6 SQF-2								
ZONE E	tilt angle 30°	4270	2640	2130	1260	777	631	594	510	436	367	299	254	193	4	172
		25 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2								
		10600	4660	4180	3140	2270	1540	1410	1130	956	890	808	745	663	8	344
		40 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2						
		16300	7870	5150	4340	3590	2680	2280	1810	1590	1320	1090	993	948	12	516
		75 SQF-3	25 SQF-3		11 SQF-2				6 SQF-2					3 SQF-2		
		20900	10400	7560	4910	4310	3650	3280	2440	1930	1750	1570	1480	1310	16	688
		75 SQF-3		25 SQF-6	11 SQF-2					6 SQF-2						
24500	14000	9570	6000	4690	4120	3850	3210	2490	1950	1810	1740	1630	20	860		
75 SQF-3		25 SQF-6		11 SQF-2					6 SQF-2							
ZONE E	tilt angle 45°	Not actual												4	172	
														8	344	
														12	516	
														16	688	
														20	860	

Zone	Solar radiation	Total Head [ft]												No. of GF 43	Power [Wp]	
		20	40	60	90	120	160	180	220	260	300	340	360			390
ZONE F	tilt angle 15°	3430	2270	1790	988	618	528	494	415	351	285	214	166	124	4	172
		25 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2								
		9060	4350	3750	2690	1860	1310	1180	948	872	782	687	624	547	8	344
		40 SQF-3	11 SQF-2				6 SQF-2		3 SQF-2							
		14200	6690	4960	4010	3130	2210	1860	1610	1330	1060	978	943	880	12	516
		75 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2					
		18800	8870	6350	4770	4040	3200	2790	2000	1810	1590	1360	1230	1060	16	688
		75 SQF-3	25 SQF-3		11 SQF-2				6 SQF-2							
		22300	11500	8300	5180	4540	3870	3550	2750	2020	1850	1690	1600	1460	20	860
		75 SQF-3	25 SQF-6	11 SQF-2					6 SQF-2							
ZONE F	tilt angle 30°	5310	3080	2550	1610	967	758	719	631	542	457	386	343	283	4	172
		25 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2								
		12400	5760	4680	3650	2760	1870	1690	1410	1140	991	925	877	806	8	344
		40 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2					
		18900	8950	6430	4780	4070	3240	2830	2010	1820	1600	1370	1240	1080	12	516
		75 SQF-3	25 SQF-3		11 SQF-2				6 SQF-2							
		23500	12800	8980	5420	4670	4060	3760	3020	2240	1920	1780	1700	1560	16	688
		75 SQF-3	25 SQF-6		11 SQF-2					6 SQF-2						
27100	16800	11000	7340	5050	4430	4180	3620	3010	2220	1970	1900	1790	20	860		
75 SQF-3	25 SQF-6		11 SQF-2					6 SQF-2								
ZONE F	tilt angle 45°	Not actual												4	172	
														8	344	
														12	516	
														16	688	
														20	860	

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Zone	Solar radiation	Total Head [ft]												No. of GF 43	Power [Wp]		
		20	40	60	90	120	160	180	220	260	300	340	360			390	
ZONE G	tilt angle 15°	4080	2590	2080	1210	742	616	581	497	417	349	280	232	174	4	172	
		25 SQF-3	11 SQF-2			6 SQF-2	3 SQF-2										
		10400	4700	4170	3060	2200	1500	1370	1100	954	885	795	727	647	8	344	
		40 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2							
		16100	7740	5210	4380	3530	2600	2200	1800	1560	1280	1040	999	954	12	516	
		75 SQF-3	25 SQF-3	11 SQF-2					6 SQF-2			3 SQF-2					
		20700	9900	7370	5010	4340	3620	3230	2360	1940	1750	1560	1460	1270	16	688	
		75 SQF-3	25 SQF-6		11 SQF-2				6 SQF-2								
		24300	13600	9390	5790	4790	4150	3860	3170	2400	1960	1820	1760	1620	20	860	
		75 SQF-3	25 SQF-6		11 SQF-2					6 SQF-2							
ZONE G	4.9 kWh/m ² day	tilt angle 30°	6020	3370	2820	1840	1120	856	801	711	618	528	441	396	336	4	172
			25 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2								
			14000	6610	5010	4010	3090	2170	1860	1590	1310	1040	985	946	885	8	344
			75 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2					
			20500	9820	7270	5040	4360	3590	3190	2310	1950	1750	1550	1440	1250	12	516
			75 SQF-3	25 SQF-6		11 SQF-2				6 SQF-2							
			25200	14600	9900	6240	4940	4270	4000	3360	2600	2030	1890	1820	1710	16	688
			75 SQF-3	25 SQF-6		11 SQF-2					6 SQF-2						
			29200	18500	11800	8100	5280	4710	4400	3840	3290	2520	2060	2020	1910	20	860
			75 SQF-3	25 SQF-6		11 SQF-2					6 SQF-2						
ZONE G	tilt angle 45°	Not actual												4	172		
														8	344		
														12	516		
														16	688		
														20	860		

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Zone	Solar radiation	Total Head [ft]												No. of GF 43	Power [Wp]	
		20	40	60	90	120	160	180	220	260	300	340	360			390
ZONE H	tilt angle 15°	4910	2920	2390	1470	888	711	674	587	499	417	349	304	243	4	172
		25 SQF-3	11 SQF-2			6 SQF-2	3 SQF-2									
		11800	5280	4590	3470	2570	1720	1580	1300	1040	964	890	838	753	8	344
		40 SQF-3	25 SQF-3	11 SQF-2			6 SQF-2				3 SQF-2					
		18000	8660	5940	4720	3930	3030	2620	1960	1760	1510	1260	1130	1010	12	516
		75 SQF-3	25 SQF-3		11 SQF-2				6 SQF-2				3 SQF-2			
		22600	11800	8460	5270	4630	3940	3620	2810	2060	1880	1730	1640	1500	16	688
		75 SQF-3		25 SQF-6	11 SQF-2				6 SQF-2							
		26500	15900	10500	6850	5050	4370	4110	3510	2860	2080	1940	1870	1760	20	860
		75 SQF-3		25 SQF-6		11 SQF-2				6 SQF-2						
ZONE H	tilt angle 30°	6620	3660	3050	2030	1270	962	864	771	679	589	497	441	375	4	172
		40 SQF-3	11 SQF-2				6 SQF-2	3 SQF-2								
		15300	7270	5290	4330	3340	2400	2010	1730	1440	1170	1040	1000	943	8	344
		75 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2					
		21800	10700	7930	5330	4670	3860	3460	2580	2050	1870	1680	1580	1390	12	516
		75 SQF-3		25 SQF-6	11 SQF-2				6 SQF-2							
		27300	16100	10600	6870	5220	4550	4220	3590	2880	2140	1990	1920	1810	16	688
		75 SQF-3		25 SQF-6		11 SQF-2				6 SQF-2						
		31200	19800	12700	8690	5550	4960	4680	4050	3510	2770	2160	2090	2000	20	860
		75 SQF-3		25 SQF-6		11 SQF-2				6 SQF-2						
ZONE H	tilt angle 45°	Not actual												4	172	
														8	344	
														12	516	
														16	688	
														20	860	

North America - SQFlex Sizing Table, Performance [GPD], January

Zone	Solar radiation	Total Head [ft]												No. of GF 43	Power [Wp]	
		20	40	60	90	120	160	180	220	260	300	340	360			390
ZONE I	tilt angle 15°	5610	3200	2660	1700	1030	793	753	663	573	486	404	362	301	4	172
		25 SQF-3	11 SQF-2			6 SQF-2	3 SQF-2									
		13100	6120	4880	3810	2890	1990	1760	1480	1200	1020	959	911	843	8	344
		75 SQF-3	25 SQF-3	11 SQF-2				6 SQF-2			3 SQF-2					
		19700	9320	6770	4960	4230	3380	2970	2110	1890	1670	1450	1320	1140	12	516
		75 SQF-3	25 SQF-6		11 SQF-2				6 SQF-2							
		24300	13600	9370	5740	4860	4180	3890	3170	2380	1980	1840	1780	1640	16	688
		75 SQF-3		25 SQF-6		11 SQF-2				6 SQF-2						
		28500	17600	11400	7690	5230	4620	4310	3750	3140	2350	2030	1970	1860	20	860
75 SQF-3		25 SQF-6		11 SQF-2				6 SQF-2								
ZONE I	tilt angle 30°	Not actual												4	172	
														8	344	
														12	516	
														16	688	
														20	860	
ZONE I	tilt angle 45°	Not actual												4	172	
														8	344	
														12	516	
														16	688	
														20	860	