

Model Diameter Ref.	SPR	Nominal Diameter (ft)	Nominal Base Area (ft <sup>2</sup> )	Model Height Ref. and nominal height in feet									
				5 SR20	10 SR20	15 SR20	20 SR20	25 SR20	30 SR20	35 SR20	40 SR20	45 SR20	50 SR20
				6.39 ft	10.99 ft	15.58 ft	20.17 ft	24.77 ft	29.36 ft	33.95 ft	38.55 ft	43.14 ft	47.73 ft
11	4	11.21	98.6	4364	7753	11142	14530	17919	21307	24696	28084	31473	34861
14	5	14.01	154.1	6819	12114	17409	22703	27998	33293	38587	43882	49176	54471
17	6	16.81	221.9	9820	17444	25069	32693	40317	47941	55565	63190	70814	78438
20	7	19.61	302.0	13366	23744	34121	44498	54876	65253	75631	86008	96386	106763
22	8	22.41	394.5	17458	31012	44566	58120	71675	85229	98783	112337	125891	139446
25	9	25.21	499.3	22095	39250	56404	73559	90713	107868	125022	142177	159331	176486
28	10	28.01	616.4	27278	48456	69635	90813	111992	133170	154348	175527	196705	217884
31	11	30.82	745.8	33006	58632	84258	109884	135510	161136	186762	212388	238013	263639
34	12	33.62	887.6	39280	69777	100274	130771	161268	191765	222262	252759	283256	313753
36	13	36.42	1041.7	46100	81891	117683	153474	189266	225057	260849	296640	332432	368223
39	14	39.22	1208.1	53465	94974	136484	177994	219504	261013	302523	344033	385542	427052
42	15	42.02	1386.9	61375	109027	156678	204330	251981	299633	347284	394935	442587	490238
45	16	44.82	1577.9	69832	124048	178265	232482	286699	340915	395132	449349	503566	557782
48	17	47.62	1781.3	78833	140039	201245	262450	323656	384861	446067	507273	568478	629684
50	18	50.43	1997.1	88381	156999	225617	294235	362853	431471	500089	568707	637325	705943
53	19	53.23	2225.1	98473	174927	251382	327836	404290	480744	557198	633652	710106	786560
56	20	56.03	2465.5	109112	193825	278539	363253	447966	532680	617394	702108	786821	871535
59	21	58.83	2718.2	120296	213693	307089	400486	493883	587280	680677	774074	867470	960867
62	22	61.63	2983.3	132025	234529	337032	439536	542039	644543	747047	849550	952054	1054557
64	23	64.43	3260.7	144300	256334	368368	480402	592436	704470	816503	928537	1040571	1152605
67	24	67.23	3550.4	157121	279109	401096	523084	645072	767059	889047	1011035	1133022	1255010
70	25	70.04	3852.4	170487	302852	435217	567583	699948	832313	964678	1097043	1229408	1361773
73	26	72.84	4166.7	184399	327565	470731	613897	757063	900229	1043396	1186562	1329728	1472894
76	27	75.64	4493.4	198856	353247	507638	662028	816419	970810	1125200	1279591	1433982	1588372
78	28	78.44	4832.4	213859	379898	545937	711975	878014	1044053	1210092	1376131	1542170	1708208
81	29	81.24	5183.8	229408	407518	585629	763739	941850	1119960	1298071	1476181	1654292	1832402

**Notes:**

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3. The nominal volumes shown are gross and based on nominal heights. No allowance is made for freeboard or foundation detail.
4. The overall structure height over angles will depend on the chosen roof structure and top stiffener and foundation angles. Half sheets are available to give intermediate heights.
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84	30	84.04	5547.4	245502	436107	626713	817319	1007925	1198530	1389136	1579742	1770348	1960953
87	31	86.84	5923.4	262141	465666	669190	872715	1076239	1279764	1483289	1686813	1890338	2093862
90	32	89.65	6311.8	279326	496193	713060	929927	1146794	1363661	1580528	1797395	2014262	2231129
92	33	92.45	6712.4	297057	527690	758323	988956	1219589	1450222	1680855	1911488	2142121	2372754
95	34	95.25	7125.4	315333	560156	804978	1049801	1294623	1539446	1784268	2029091	2273913	2518736
98	35	98.05	7550.7	334155	593590	853026	1112462	1371897	1631333	1890769	2150204	2409640	2669075
101	36	100.85	7988.3	353522	627994	902467	1176939	1451411	1725884	2000356	2274828	2549301	2823773
104	37	103.65	8438.3	373435	663368	953300	1243233	1533165	1823098	2113030	2402963	2692895	2982828
106	38	106.45	8900.6	393894	699710	1005526	1311343	1617159	1922975	2228792	2534608	2840424	3146241
109	39	109.26	9375.2	414898	737021	1059145	1381269	1703393	2025516	2347640	2669764	2991888	3314011
112	40	112.06	9862.1	436447	775302	1114157	1453011	1791866	2130721	2469575	2808430	3147285	3486139
115	41	114.86	10361.4	458542	814551	1170561	1526570	1882579	2238588	2594598	2950607	3306616	3662625
118	42	117.66	10873.0	481183	854770	1228358	1601945	1975532	2349119	2722707	3096294	3469881	3843469
120	43	120.46	11396.9	504369	895958	1287547	1679136	2070725	2462314	2853903	3245492	3637081	4028670
123	44	123.26	11933.2	528101	938115	1348129	1758144	2168158	2578172	2988186	3398200	3808214	4218229
126	45	126.06	12481.7	552378	981241	1410104	1838967	2267830	2696693	3125556	3554419	3983282	4412145
129	46	128.87	13042.6	577201	1025337	1473472	1921607	2369743	2817878	3266013	3714149	4162284	4610419
132	47	131.67	13615.9	602570	1070401	1538232	2006064	2473895	2941726	3409557	3877389	4345220	4813051
134	48	134.47	14201.4	628484	1116435	1604385	2092336	2580287	3068238	3556188	4044139	4532090	5020041
137	49	137.27	14799.3	654943	1163437	1671931	2180425	2688919	3197413	3705906	4214400	4722894	5231388
140	50	140.07	15409.6	681949	1211409	1740870	2270330	2799790	3329251	3858711	4388172	4917632	5447093
143	51	142.87	16032.1	709499	1260350	1811201	2362051	2912902	3463753	4014603	4565454	5116305	5667155
146	52	145.67	16667.0	737596	1310260	1882925	2455589	3028253	3600918	4173582	4746247	5318911	5891576
148	53	148.48	17314.2	766237	1361139	1956041	2550943	3145845	3740746	4335648	4930550	5525452	6120353
151	54	151.28	17973.7	795425	1412988	2030550	2648113	3265676	3883238	4500801	5118364	5735926	6353489
154	55	154.08	18645.6	825158	1465805	2106452	2747099	3387747	4028394	4669041	5309688	5950335	6590982

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157	56	156.88	19329.7	855436	1519592	2183747	2847902	3512057	4176212	4840368	5504523	6168678	6832833
160	57	159.68	20026.3	886260	1574347	2262434	2950521	3638608	4326695	5014781	5702868	6390955	7079042
162	58	162.48	20735.1	917630	1630072	2342514	3054956	3767398	4479840	5192282	5904724	6617166	7329608
165	59	165.28	21456.3	949545	1686766	2423987	3161208	3898428	4635649	5372870	6110091	6847311	7584532
168	60	168.09	22189.8	982006	1744429	2506852	3269275	4031698	4794121	5556544	6318968	7081391	7843814
171	61	170.89	22935.6	1015012	1803061	2591110	3379159	4167208	4955257	5743306	6531355	7319404	8107453
174	62	173.69	23693.7	1048564	1862663	2676761	3490859	4304958	5119056	5933155	6747253	7561352	8375450
176	63	176.49	24464.2	1082662	1923233	2763805	3604376	4444947	5285519	6126090	6966662	7807233	8647805
179	64	179.29	25247.0	1117305	1984773	2852241	3719709	4587177	5454645	6322113	7189581	8057049	8924517
182	65	182.09	26042.1	1152493	2047281	2942070	3836858	4731646	5626434	6521222	7416010	8310799	9205587
185	66	184.89	26849.6	1188227	2110759	3033291	3955823	4878355	5800887	6723419	7645951	8568483	9491015
188	67	187.70	27669.4	1224507	2175206	3125905	4076605	5027304	5978003	6928702	7879401	8830101	9780800
190	68	190.50	28501.5	1261332	2240622	3219912	4199202	5178493	6157783	7137073	8116363	9095653	10074943
193	69	193.30	29346.0	1298703	2307008	3315312	4323617	5331921	6340226	7348530	8356835	9365139	10373444
196	70	196.10	30202.7	1336619	2374362	3412104	4449847	5487589	6525332	7563074	8600817	9638559	10676302
199	71	198.90	31071.8	1375081	2442685	3510289	4577893	5645498	6713102	7780706	8848310	9915914	10983518
202	72	201.70	31953.2	1414089	2511978	3609867	4707756	5805646	6903535	8001424	9099313	10197202	
205	73	204.50	32847.0	1453642	2582240	3710838	4839436	5968033	7096631	8225229	9353827	10482425	
207	74	207.31	33753.1	1493740	2653471	3813201	4972931	6132661	7292391	8452122	9611852	10771582	
210	75	210.11	34671.5	1534384	2725670	3916957	5108243	6299529	7490815	8682101	9873387	11064673	
213	76	212.91	35602.2	1575574	2798840	4022105	5245371	6468636	7691901	8915167	10138432	11361698	
216	77	215.71	36545.3	1617309	2872978	4128646	5384315	6639983	7895652	9151320	10406988	11662657	
219	78	218.51	37500.7	1659590	2948085	4236580	5525075	6813570	8102065	9390560	10679055	11967550	
221	79	221.31	38468.4	1702417	3024162	4345907	5667652	6989397	8311142	9632887	10954632	12276377	
224	80	224.11	39448.5	1745789	3101207	4456626	5812045	7167464	8522882	9878301	11233720	12589139	
227	81	226.92	40440.8	1789706	3179222	4568738	5958254	7347770	8737286	10126802	11516318	12905834	

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230	82	229.72	41445.5	1834169	3258206	4682243	6106280	7530317	8954353	10378390	11802427	13226464	
233	83	232.52	42462.6	1879178	3338159	4797140	6256121	7715103	9174084	10633065	12092046	13551028	
235	84	235.32	43491.9	1924732	3419081	4913430	6407779	7902129	9396478	10890827	12385176	13879526	
238	85	238.12	44533.6	1970832	3500972	5031113	6561254	8091395	9621535	11151676	12681817	14211957	
241	86	240.92	45587.6	2017477	3583833	5150189	6716544	8282900	9849256	11415612	12981968	14548324	
244	87	243.72	46654.0	2064668	3667662	5270657	6873651	8476646	10079640	11682635	13285629	14888624	

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