



# Modern Welding Company

Subsidiaries Nationwide

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## Tank Calibration Chart

Cylindrical Tank / Horizontal Orientation

Striker Plate: 0 inches

Diameter: 65 inches

Length: 145 inches

Total Volume: 2,083 gallons

Depth Volume		Depth Volume		Depth Volume		Depth Volume		Depth Volume		Depth Volume		Depth Volume	
inches	gallons	inches	gallons	inches	gallons	inches	gallons	inches	gallons	inches	gallons	inches	gallons
0.000	0	4.750	68	9.500	189	14.250	338	19.000	507	23.750	689	28.500	879
0.125	0	4.875	71	9.625	192	14.375	342	19.125	512	23.875	694	28.625	884
0.250	1	5.000	74	9.750	196	14.500	347	19.250	516	24.000	699	28.750	889
0.375	2	5.125	76	9.875	200	14.625	351	19.375	521	24.125	704	28.875	894
0.500	2	5.250	79	10.000	203	14.750	355	19.500	526	24.250	709	29.000	899
0.625	3	5.375	82	10.125	207	14.875	359	19.625	530	24.375	713	29.125	904
0.750	4	5.500	85	10.250	211	15.000	364	19.750	535	24.500	718	29.250	909
0.875	6	5.625	88	10.375	214	15.125	368	19.875	540	24.625	723	29.375	914
1.000	7	5.750	91	10.500	218	15.250	372	20.000	544	24.750	728	29.500	919
1.125	8	5.875	93	10.625	222	15.375	377	20.125	549	24.875	733	29.625	924
1.250	9	6.000	96	10.750	226	15.500	381	20.250	554	25.000	738	29.750	929
1.375	11	6.125	99	10.875	229	15.625	385	20.375	558	25.125	743	29.875	934
1.500	12	6.250	102	11.000	233	15.750	390	20.500	563	25.250	748	30.000	940
1.625	14	6.375	105	11.125	237	15.875	394	20.625	568	25.375	753	30.125	945
1.750	15	6.500	108	11.250	241	16.000	398	20.750	573	25.500	758	30.250	950
1.875	17	6.625	111	11.375	245	16.125	403	20.875	577	25.625	763	30.375	955
2.000	19	6.750	115	11.500	249	16.250	407	21.000	582	25.750	768	30.500	960
2.125	21	6.875	118	11.625	253	16.375	412	21.125	587	25.875	773	30.625	965
2.250	23	7.000	121	11.750	257	16.500	416	21.250	592	26.000	778	30.750	970
2.375	24	7.125	124	11.875	260	16.625	421	21.375	597	26.125	783	30.875	975
2.500	26	7.250	127	12.000	264	16.750	425	21.500	601	26.250	788	31.000	980
2.625	28	7.375	130	12.125	268	16.875	429	21.625	606	26.375	793	31.125	985
2.750	30	7.500	134	12.250	272	17.000	434	21.750	611	26.500	798	31.250	990
2.875	32	7.625	137	12.375	276	17.125	438	21.875	616	26.625	803	31.375	996
3.000	35	7.750	140	12.500	280	17.250	443	22.000	621	26.750	808	31.500	1,001
3.125	37	7.875	144	12.625	284	17.375	447	22.125	625	26.875	813	31.625	1,006
3.250	39	8.000	147	12.750	288	17.500	452	22.250	630	27.000	818	31.750	1,011
3.375	41	8.125	150	12.875	292	17.625	456	22.375	635	27.125	823	31.875	1,016
3.500	43	8.250	154	13.000	297	17.750	461	22.500	640	27.250	828	32.000	1,021
3.625	46	8.375	157	13.125	301	17.875	466	22.625	645	27.375	833	32.125	1,026
3.750	48	8.500	160	13.250	305	18.000	470	22.750	650	27.500	838	32.250	1,031
3.875	51	8.625	164	13.375	309	18.125	475	22.875	655	27.625	843	32.375	1,036
4.000	53	8.750	167	13.500	313	18.250	479	23.000	659	27.750	848	32.500	1,041
4.125	55	8.875	171	13.625	317	18.375	484	23.125	664	27.875	853	32.625	1,047
4.250	58	9.000	174	13.750	321	18.500	488	23.250	669	28.000	858	32.750	1,052
4.375	60	9.125	178	13.875	325	18.625	493	23.375	674	28.125	863	32.875	1,057
4.500	63	9.250	182	14.000	330	18.750	498	23.500	679	28.250	869	33.000	1,062
4.625	66	9.375	185	14.125	334	18.875	502	23.625	684	28.375	874	33.125	1,067

This volumetric tank chart is supplied to you for informational purposes only. These capacity calculations are based on theoretical volumes not actual volumes, and do not reflect atmospheric conditions or thermal expansion/contraction due to temperature changes. If internal accessories such as pumps are present, displacement of these accessories must be considered. Therefore, neither Modern Welding Company nor its officers, directors, employee affiliates or subsidiaries shall be liable for the use of this information covered within. This information is advisory only and the use of the material and methods is solely at the risk of the user.

Cylindrical Tank / Horizontal Orientation

Striker Plate: 0 inches — Diameter: 65 inches — Length: 145 inches — Total Volume: 2,083 gallons

Depth Volume		Depth Volume		Depth Volume		Depth Volume		Depth Volume		Depth Volume	
inches	gallons	inches	gallons	inches	gallons	inches	gallons	inches	gallons	inches	gallons
33.250	1,072	38.625	1,290	44.000	1,501	49.375	1,698	54.750	1,872	60.125	2,012
33.375	1,077	38.750	1,295	44.125	1,505	49.500	1,702	54.875	1,876	60.250	2,015
33.500	1,082	38.875	1,300	44.250	1,510	49.625	1,706	55.000	1,880	60.375	2,017
33.625	1,087	39.000	1,305	44.375	1,515	49.750	1,711	55.125	1,883	60.500	2,020
33.750	1,092	39.125	1,310	44.500	1,520	49.875	1,715	55.250	1,887	60.625	2,022
33.875	1,098	39.250	1,315	44.625	1,524	50.000	1,719	55.375	1,891	60.750	2,025
34.000	1,103	39.375	1,320	44.750	1,529	50.125	1,724	55.500	1,894	60.875	2,027
34.125	1,108	39.500	1,325	44.875	1,534	50.250	1,728	55.625	1,898	61.000	2,030
34.250	1,113	39.625	1,330	45.000	1,539	50.375	1,732	55.750	1,901	61.125	2,032
34.375	1,118	39.750	1,335	45.125	1,543	50.500	1,736	55.875	1,905	61.250	2,035
34.500	1,123	39.875	1,340	45.250	1,548	50.625	1,741	56.000	1,908	61.375	2,037
34.625	1,128	40.000	1,345	45.375	1,553	50.750	1,745	56.125	1,912	61.500	2,039
34.750	1,133	40.125	1,350	45.500	1,557	50.875	1,749	56.250	1,916	61.625	2,042
34.875	1,138	40.250	1,355	45.625	1,562	51.000	1,753	56.375	1,919	61.750	2,044
35.000	1,143	40.375	1,360	45.750	1,567	51.125	1,757	56.500	1,922	61.875	2,046
35.125	1,148	40.500	1,365	45.875	1,571	51.250	1,762	56.625	1,926	62.000	2,048
35.250	1,154	40.625	1,369	46.000	1,576	51.375	1,766	56.750	1,929	62.125	2,050
35.375	1,159	40.750	1,374	46.125	1,581	51.500	1,770	56.875	1,933	62.250	2,053
35.500	1,164	40.875	1,379	46.250	1,585	51.625	1,774	57.000	1,936	62.375	2,055
35.625	1,169	41.000	1,384	46.375	1,590	51.750	1,778	57.125	1,939	62.500	2,057
35.750	1,174	41.125	1,389	46.500	1,594	51.875	1,782	57.250	1,943	62.625	2,058
35.875	1,179	41.250	1,394	46.625	1,599	52.000	1,786	57.375	1,946	62.750	2,060
36.000	1,184	41.375	1,399	46.750	1,604	52.125	1,790	57.500	1,949	62.875	2,062
36.125	1,189	41.500	1,404	46.875	1,608	52.250	1,794	57.625	1,952	63.000	2,064
36.250	1,194	41.625	1,409	47.000	1,613	52.375	1,799	57.750	1,956	63.125	2,066
36.375	1,199	41.750	1,414	47.125	1,617	52.500	1,803	57.875	1,959	63.250	2,067
36.500	1,204	41.875	1,419	47.250	1,622	52.625	1,807	58.000	1,962	63.375	2,069
36.625	1,209	42.000	1,423	47.375	1,626	52.750	1,811	58.125	1,965	63.500	2,071
36.750	1,214	42.125	1,428	47.500	1,631	52.875	1,815	58.250	1,968	63.625	2,072
36.875	1,219	42.250	1,433	47.625	1,636	53.000	1,819	58.375	1,971	63.750	2,074
37.000	1,224	42.375	1,438	47.750	1,640	53.125	1,822	58.500	1,975	63.875	2,075
37.125	1,230	42.500	1,443	47.875	1,645	53.250	1,826	58.625	1,978	64.000	2,076
37.250	1,235	42.625	1,448	48.000	1,649	53.375	1,830	58.750	1,981	64.125	2,077
37.375	1,240	42.750	1,453	48.125	1,653	53.500	1,834	58.875	1,984	64.250	2,079
37.500	1,245	42.875	1,457	48.250	1,658	53.625	1,838	59.000	1,987	64.375	2,080
37.625	1,250	43.000	1,462	48.375	1,662	53.750	1,842	59.125	1,989	64.500	2,081
37.750	1,255	43.125	1,467	48.500	1,667	53.875	1,846	59.250	1,992	64.625	2,081
37.875	1,260	43.250	1,472	48.625	1,671	54.000	1,850	59.375	1,995	64.750	2,082
38.000	1,265	43.375	1,477	48.750	1,676	54.125	1,853	59.500	1,998	64.875	2,083
38.125	1,270	43.500	1,482	48.875	1,680	54.250	1,857	59.625	2,001	65.000	2,083
38.250	1,275	43.625	1,486	49.000	1,685	54.375	1,861	59.750	2,004		
38.375	1,280	43.750	1,491	49.125	1,689	54.500	1,865	59.875	2,007		
38.500	1,285	43.875	1,496	49.250	1,693	54.625	1,869	60.000	2,009		