

Tank Calibration Chart

Modern Welding Company

Subsidiaries Nationwide

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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 = 0.25 inches
Diameter = 128 inches Length = 360 inches Total Volume = 20,006 gallons

<u>Depth</u>	<u>Volume</u>	<u>Depth</u>	<u>Volume</u>	<u>Depth</u>	<u>Volume</u>	<u>Depth</u>	<u>Volume</u>	<u>Depth</u>	<u>Volume</u>	<u>Depth</u>	<u>Volume</u>	<u>Depth</u>	<u>Volume</u>
inches	gallons	inches	gallons	inches	gallons	inches	gallons	inches	gallons	inches	gallons	inches	gallons
0.000	3	8.250	569	16.500	1,543	24.750	2,753	33.000	4,128	41.250	5,620	49.500	7,191
0.250	8	8.500	594	16.750	1,577	25.000	2,793	33.250	4,172	41.500	5,666	49.750	7,239
0.500	15	8.750	620	17.000	1,611	25.250	2,833	33.500	4,216	41.750	5,713	50.000	7,288
0.750	23	9.000	645	17.250	1,645	25.500	2,872	33.750	4,259	42.000	5,760	50.250	7,337
1.000	33	9.250	671	17.500	1,679	25.750	2,912	34.000	4,303	42.250	5,806	50.500	7,385
1.250	43	9.500	697	17.750	1,713	26.000	2,952	34.250	4,348	42.500	5,853	50.750	7,434
1.500	54	9.750	724	18.000	1,748	26.250	2,993	34.500	4,392	42.750	5,900	51.000	7,483
1.750	66	10.000	751	18.250	1,783	26.500	3,033	34.750	4,436	43.000	5,947	51.250	7,531
2.000	79	10.250	778	18.500	1,818	26.750	3,074	35.000	4,480	43.250	5,994	51.500	7,580
2.250	92	10.500	805	18.750	1,853	27.000	3,114	35.250	4,525	43.500	6,042	51.750	7,629
2.500	106	10.750	833	19.000	1,889	27.250	3,155	35.500	4,570	43.750	6,089	52.000	7,678
2.750	121	11.000	861	19.250	1,925	27.500	3,196	35.750	4,614	44.000	6,136	52.250	7,727
3.000	136	11.250	890	19.500	1,960	27.750	3,237	36.000	4,659	44.250	6,183	52.500	7,776
3.250	152	11.500	918	19.750	1,996	28.000	3,278	36.250	4,704	44.500	6,231	52.750	7,825
3.500	169	11.750	947	20.000	2,033	28.250	3,320	36.500	4,749	44.750	6,278	53.000	7,874
3.750	186	12.000	976	20.250	2,069	28.500	3,361	36.750	4,794	45.000	6,326	53.250	7,923
4.000	203	12.250	1,006	20.500	2,106	28.750	3,403	37.000	4,839	45.250	6,373	53.500	7,972
4.250	222	12.500	1,035	20.750	2,142	29.000	3,444	37.250	4,884	45.500	6,421	53.750	8,021
4.500	240	12.750	1,065	21.000	2,179	29.250	3,486	37.500	4,930	45.750	6,469	54.000	8,070
4.750	259	13.000	1,095	21.250	2,216	29.500	3,528	37.750	4,975	46.000	6,517	54.250	8,120
5.000	279	13.250	1,126	21.500	2,254	29.750	3,570	38.000	5,021	46.250	6,564	54.500	8,169
5.250	299	13.500	1,156	21.750	2,291	30.000	3,612	38.250	5,066	46.500	6,612	54.750	8,218
5.500	319	13.750	1,187	22.000	2,329	30.250	3,655	38.500	5,112	46.750	6,660	55.000	8,267
5.750	340	14.000	1,219	22.250	2,367	30.500	3,697	38.750	5,158	47.000	6,708	55.250	8,317
6.000	361	14.250	1,250	22.500	2,405	30.750	3,740	39.000	5,203	47.250	6,756	55.500	8,366
6.250	383	14.500	1,282	22.750	2,443	31.000	3,783	39.250	5,249	47.500	6,804	55.750	8,415
6.500	405	14.750	1,314	23.000	2,481	31.250	3,825	39.500	5,295	47.750	6,853	56.000	8,465
6.750	427	15.000	1,346	23.250	2,519	31.500	3,868	39.750	5,341	48.000	6,901	56.250	8,514
7.000	450	15.250	1,378	23.500	2,558	31.750	3,911	40.000	5,388	48.250	6,949	56.500	8,563
7.250	473	15.500	1,411	23.750	2,597	32.000	3,954	40.250	5,434	48.500	6,997	56.750	8,613
7.500	497	15.750	1,443	24.000	2,636	32.250	3,998	40.500	5,480	48.750	7,046	57.000	8,662
7.750	521	16.000	1,476	24.250	2,675	32.500	4,041	40.750	5,527	49.000	7,094	57.250	8,712
8.000	545	16.250	1,510	24.500	2,714	32.750	4,084	41.000	5,573	49.250	7,142	57.500	8,761

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 Diameter = 128 inches Length = 360 inches Total Volume = 20,006 gallons

<u>Depth</u> inches	<u>Volume</u> gallons	<u>Depth</u> inches	<u>Volume</u> gallons	<u>Depth</u> inches	<u>Volume</u> gallons	<u>Depth</u> inches	<u>Volume</u> gallons	<u>Depth</u> inches	<u>Volume</u> gallons	<u>Depth</u> inches	<u>Volume</u> gallons	<u>Depth</u> inches	<u>Volume</u> gallons
57.750	8,811	68.250	10,898	78.750	12,961	89.250	14,940	99.750	16,769	110.250	18,362	120.750	19,579
58.000	8,860	68.500	10,948	79.000	13,009	89.500	14,986	100.000	16,810	110.500	18,396	121.000	19,602
58.250	8,910	68.750	10,997	79.250	13,057	89.750	15,031	100.250	16,851	110.750	18,430	121.250	19,624
58.500	8,960	69.000	11,047	79.500	13,106	90.000	15,077	100.500	16,892	111.000	18,463	121.500	19,645
58.750	9,009	69.250	11,096	79.750	13,154	90.250	15,122	100.750	16,933	111.250	18,497	121.750	19,667
59.000	9,059	69.500	11,146	80.000	13,202	90.500	15,167	101.000	16,973	111.500	18,530	122.000	19,687
59.250	9,108	69.750	11,195	80.250	13,250	90.750	15,212	101.250	17,014	111.750	18,563	122.250	19,708
59.500	9,158	70.000	11,245	80.500	13,298	91.000	15,257	101.500	17,054	112.000	18,596	122.500	19,728
59.750	9,208	70.250	11,294	80.750	13,346	91.250	15,302	101.750	17,094	112.250	18,628	122.750	19,747
60.000	9,257	70.500	11,344	81.000	13,394	91.500	15,347	102.000	17,134	112.500	18,661	123.000	19,766
60.250	9,307	70.750	11,393	81.250	13,442	91.750	15,392	102.250	17,174	112.750	18,693	123.250	19,785
60.500	9,357	71.000	11,443	81.500	13,490	92.000	15,437	102.500	17,213	113.000	18,725	123.500	19,803
60.750	9,406	71.250	11,492	81.750	13,537	92.250	15,481	102.750	17,253	113.250	18,756	123.750	19,820
61.000	9,456	71.500	11,542	82.000	13,585	92.500	15,526	103.000	17,292	113.500	18,788	124.000	19,838
61.250	9,506	71.750	11,591	82.250	13,633	92.750	15,570	103.250	17,332	113.750	18,819	124.250	19,854
61.500	9,555	72.000	11,640	82.500	13,680	93.000	15,615	103.500	17,371	114.000	18,850	124.500	19,870
61.750	9,605	72.250	11,690	82.750	13,728	93.250	15,659	103.750	17,410	114.250	18,881	124.750	19,885
62.000	9,655	72.500	11,739	83.000	13,775	93.500	15,703	104.000	17,448	114.500	18,911	125.000	19,900
62.250	9,705	72.750	11,788	83.250	13,823	93.750	15,747	104.250	17,487	114.750	18,941	125.250	19,914
62.500	9,754	73.000	11,838	83.500	13,870	94.000	15,791	104.500	17,525	115.000	18,971	125.500	19,928
62.750	9,804	73.250	11,887	83.750	13,918	94.250	15,835	104.750	17,564	115.250	19,001	125.750	19,940
63.000	9,854	73.500	11,936	84.000	13,965	94.500	15,878	105.000	17,602	115.500	19,030	126.000	19,952
63.250	9,904	73.750	11,985	84.250	14,012	94.750	15,922	105.250	17,640	115.750	19,059	126.250	19,963
63.500	9,953	74.000	12,034	84.500	14,059	95.000	15,965	105.500	17,677	116.000	19,088	126.500	19,974
63.750	10,003	74.250	12,083	84.750	14,106	95.250	16,009	105.750	17,715	116.250	19,117	126.750	19,983
64.000	10,053	74.500	12,132	85.000	14,153	95.500	16,052	106.000	17,753	116.500	19,145	127.000	19,991
64.250	10,103	74.750	12,181	85.250	14,200	95.750	16,095	106.250	17,790	116.750	19,173	127.250	19,998
64.500	10,152	75.000	12,230	85.500	14,247	96.000	16,138	106.500	17,827	117.000	19,201	127.500	20,003
64.750	10,202	75.250	12,279	85.750	14,293	96.250	16,181	106.750	17,864	117.250	19,228	127.750	20,006
65.000	10,252	75.500	12,328	86.000	14,340	96.500	16,224	107.000	17,901	117.500	19,255	127.750	20,006
65.250	10,302	75.750	12,377	86.250	14,387	96.750	16,267	107.250	17,937	117.750	19,282		
65.500	10,351	76.000	12,426	86.500	14,433	97.000	16,309	107.500	17,974	118.000	19,309		
65.750	10,401	76.250	12,475	86.750	14,480	97.250	16,352	107.750	18,010	118.250	19,335		
66.000	10,451	76.500	12,524	87.000	14,526	97.500	16,394	108.000	18,046	118.500	19,361		
66.250	10,501	76.750	12,572	87.250	14,573	97.750	16,436	108.250	18,082	118.750	19,387		
66.500	10,550	77.000	12,621	87.500	14,619	98.000	16,478	108.500	18,117	119.000	19,412		
66.750	10,600	77.250	12,670	87.750	14,665	98.250	16,520	108.750	18,153	119.250	19,437		
67.000	10,650	77.500	12,718	88.000	14,711	98.500	16,562	109.000	18,188	119.500	19,461		
67.250	10,699	77.750	12,767	88.250	14,757	98.750	16,604	109.250	18,223	119.750	19,486		
67.500	10,749	78.000	12,815	88.500	14,803	99.000	16,645	109.500	18,258	120.000	19,510		
67.750	10,799	78.250	12,864	88.750	14,849	99.250	16,687	109.750	18,293	120.250	19,533		
68.000	10,848	78.500	12,912	89.000	14,895	99.500	16,728	110.000	18,327	120.500	19,556		