★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

5,000 GALLON HDPE VERTICAL TANK · VTN05000-102

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
5,000 gal	102"	137.73"	150"	35.03	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	35	**33**	1,156	**65**	2,277	**97**	3,398
2	70	**34**	1,191	**66**	2,312	**98**	3,433
3	105	**35**	1,226	**67**	2,347	**99**	3,468
4	140	**36**	1,261	**68**	2,382	**100**	3,503
5	175	**37**	1,296	**69**	2,417	**101**	3,538
6	210	**38**	1,331	**70**	2,452	**102**	3,573
7	245	**39**	1,366	**71**	2,487	**103**	3,608
8	280	**40**	1,401	**72**	2,522	**104**	3,643
9	315	**41**	1,436	**73**	2,557	**105**	3,678
10	350	**42**	1,471	**74**	2,592	**106**	3,713
11	385	**43**	1,506	**75**	2,627	**107**	3,748
12	420	**44**	1,541	**76**	2,662	**108**	3,783
13	455	**45**	1,576	**77**	2,697	**109**	3,818
14	490	**46**	1,611	**78**	2,732	**110**	3,853
15	525	**47**	1,646	**79**	2,767	**111**	3,888
16	560	**48**	1,681	**80**	2,802	**112**	3,923
17	595	**49**	1,716	**81**	2,837	**113**	3,958
18	630	**50**	1,751	**82**	2,872	**114**	3,993
19	666	**51**	1,786	**83**	2,907	**115**	4,028
20	701	**52**	1,821	**84**	2,942	**116**	4,063
21	736	**53**	1,856	**85**	2,977	**117**	4,098
22	771	**54**	1,891	**86**	3,012	**118**	4,133
23	806	**55**	1,927	**87**	3,047	**119**	4,168
24	841	**56**	1,962	**88**	3,082	**120**	4,203
25	876	**57**	1,997	**89**	3,117	**121**	4,238
26	911	**58**	2,032	**90**	3,152	**122**	4,273
27	946	**59**	2,067	**91**	3,188	**123**	4,308
28	981	**60**	2,102	**92**	3,223	**124**	4,343
29	1,016	**61**	2,137	**93**	3,258	**125**	4,378
30	1,051	**62**	2,172	**94**	3,293	**126**	4,413
31	1,086	**63**	2,207	**95**	3,328	**127**	4,449
32	1,121	**64**	2,242	**96**	3,363	**128**	4,484

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5,000 GALLON HDPE VERTICAL TANK · VTN05000-102

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
129	4,519	**132**	4,624	**135**	4,729	**137.73**	**4,824**
130	4,554	**133**	4,659	**136**	4,764		
131	4,589	**134**	4,694	**137**	4,799		

How to read it: measure the liquid depth straight down from the surface to the inside bottom of the tank, in inches, and read the gallons beside it. The chart runs to the top of the straight sidewall (137.73", in red). The listed 5,000 gallons includes part of the dome; at the top of the straight sidewall the tank holds about 4,824 gallons.

Above the sidewall: the dome above the straight wall holds more, and the tank may be filled "brim full" with care. That extra volume is not charted.

Accuracy: calculated from the tank's dimensions with a nominal 1/4" wall. HDPE can expand or contract up to 3% (mostly with temperature), and wall thickness varies from tank to tank, so actual volume can differ from this chart by a few percent. The first inch near the bottom corner holds slightly less than shown. Use the chart as a close guide, not for custody transfer or billing.

Dimensions from the Norwesco drawing wtn05000-102.pdf. All dimensions in inches.

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