★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

6,500 GALLON HDPE VERTICAL TANK · VTN06500-120-TX

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
6,500 gal	120"	132.54"	146"	48.55	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	49	**33**	1,602	**65**	3,156	**97**	4,710
2	97	**34**	1,651	**66**	3,204	**98**	4,758
3	146	**35**	1,699	**67**	3,253	**99**	4,807
4	194	**36**	1,748	**68**	3,302	**100**	4,855
5	243	**37**	1,796	**69**	3,350	**101**	4,904
6	291	**38**	1,845	**70**	3,399	**102**	4,952
7	340	**39**	1,894	**71**	3,447	**103**	5,001
8	388	**40**	1,942	**72**	3,496	**104**	5,049
9	437	**41**	1,991	**73**	3,544	**105**	5,098
10	486	**42**	2,039	**74**	3,593	**106**	5,147
11	534	**43**	2,088	**75**	3,641	**107**	5,195
12	583	**44**	2,136	**76**	3,690	**108**	5,244
13	631	**45**	2,185	**77**	3,739	**109**	5,292
14	680	**46**	2,233	**78**	3,787	**110**	5,341
15	728	**47**	2,282	**79**	3,836	**111**	5,389
16	777	**48**	2,331	**80**	3,884	**112**	5,438
17	825	**49**	2,379	**81**	3,933	**113**	5,486
18	874	**50**	2,428	**82**	3,981	**114**	5,535
19	923	**51**	2,476	**83**	4,030	**115**	5,584
20	971	**52**	2,525	**84**	4,078	**116**	5,632
21	1,020	**53**	2,573	**85**	4,127	**117**	5,681
22	1,068	**54**	2,622	**86**	4,176	**118**	5,729
23	1,117	**55**	2,670	**87**	4,224	**119**	5,778
24	1,165	**56**	2,719	**88**	4,273	**120**	5,826
25	1,214	**57**	2,768	**89**	4,321	**121**	5,875
26	1,262	**58**	2,816	**90**	4,370	**122**	5,923
27	1,311	**59**	2,865	**91**	4,418	**123**	5,972
28	1,359	**60**	2,913	**92**	4,467	**124**	6,021
29	1,408	**61**	2,962	**93**	4,515	**125**	6,069
30	1,457	**62**	3,010	**94**	4,564	**126**	6,118
31	1,505	**63**	3,059	**95**	4,613	**127**	6,166
32	1,554	**64**	3,107	**96**	4,661	**128**	6,215

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6,500 GALLON HDPE VERTICAL TANK · VTN06500-120-TX

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
129	6,263	**131**	6,360	**132.54**	**6,435**		
130	6,312	**132**	6,409				

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 (132.54", in red). The listed 6,500 gallons includes part of the dome; at the top of the straight sidewall the tank holds about 6,435 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 VTN06500-120-TX.pdf. All dimensions in inches.

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