

Calculation Chart

In the left hand column, determine the weight of the heaviest liquid you will be hauling. Move across the columns to the right until you find your tank size. Divide the tank size into the total gallons capacity of the tank to determine the total number of Surge Busters required based on the liquid weight/gallon being hauled.

**If the capacity is more than 100 gallons over the stated tank size, use the calculation for the next larger size.*

SB815 Chart									
Tank Size	100G	200G	300G	400G	500G	600G	700G	800G	900G
Liquids up to 8.34 lbs. per gallon	32	32	32	32	32	31	30	29	*28
8.34 lbs. - 9 lbs. per gallon	31	31	31	30	30	29	29	28	*
9 lbs. - 10 lbs. per gallon	30	30	29	29	28	27	26	*25	*
10 lbs. - 11 lbs. per gallon	29	29	28	27	26	25	*24	*	*
11 lbs. - 12 lbs. per gallon	28	28	27	26	*24	*	*	*	*
12 lbs.									

FOR EXAMPLE: A 3300G tank is being used to transport water for water tending (8.34 lbs/gal) and then during the winter it is used to transport salt brine (11.6 lbs/gal). You must calculate the quantity of Surge Busters with the heavier salt brine. $3300\text{G tank} \div 26 = 126.923 = \text{127 Surge Busters needed in total for a 3300G tank}$

For SB807 and SB804 charts, the number listed in the column is the correct number to use. If your tank size falls between, use the next larger size.

SB807 Chart										
Tank Size	100G	200G	300G	400G	500G	600G	700G	800G	900G	1000G
Less than 8.34 lbs. per gallon	4	8	11	15	18	22	25	29	32	36
8.34 lbs. - 10 lbs.per gallon	4	8	12	16	21	25	29	34	38	43
10 lbs.- 12 lbs. per gallon	5	10	15	20	25	30	35	40	45	50

SB804 Chart										
Tank Size	30G	50G	100G	150G	200G	300G				
Less than 8.34 lbs. per gallon	3	5	10	16	22	34				
8.34 lbs. - 10 lbs. per gallon	4	7	12	18	25	38				
10 lbs. - 12 lbs. per gallon	5	11	14	22	30	44				

NOTE: Anytime you are mixing other liquids, chemicals, aggregates, salt solutions, etc. the resulting weight per gallon of the liquid must be redetermined before calculating the correct quantity of Surge Busters.