

Calculation Chart and Chemical Compatibility Reference Link



Start by finding the weight per gallon of the heaviest liquid you'll be hauling in the left-hand column. Then, move across the chart to the right to find your tank size. The chart shows the number of Surge Busters needed based on liquid weight and tank size. For greater accuracy, refer to the "250," "500," or "750" columns. Be sure to check the reference link below for chemical compatibility.

Note: If your tank holds more than 100 gallons over the stated size, use the calculation for the next larger size.

Example: If the customer has a 3500 gallon tank, add the amount under "500" to "3000" for the total. If the tank is 3600, move over to the next column and use the amount under "750". For water, the number of Surge Busters required for a 3600G tank would be 94 + 24 = 118.

SB815 Chart												
Tank Size	250G	500G	750G	1000G	2000G	3000G	4000G	5000G	6000G	7000G	8000G	9000G
Liquids up to 8.34 lbs per gallon	8	16	24	32	64	94	125	157	194	234	276	322*
8.34 lbs. – 9 lbs. per gallon	8	16	24	33	65	97	135	167	207	242	285	*
9 lbs. – 10 lbs. per gallon	8	17	25	34	67	104	140	179	223	270	320*	*
10 lbs. – 11 lbs. per gallon	9	18	26	35	69	107	149	193	240	292*	*	*
11 lbs. – 12 lbs. per gallon	9	18	27	36	72	112	154	209*	*	*	*	*
SB807 Chart												
Tank Size	100G	200G	300G	400G	500G	600G	700G	800G	900G	1000G		
Liquids up to 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	Liquid Surge Control, LLC (866) 787-4360 www.liquidsurgecontrol.com orders@liquidsurgecontrol.com Info@liquidsurgecontrol.com					
Liquids up to 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: If you are mixing other liquids, chemicals, aggregates, salt solutions, or similar materials, you must re-determine the resulting weight per gallon before calculating the correct quantity of Surge Busters. **Failing to do so can result in product failure and will void the five-year warranty.**

For chemical compatibility, refer to the Surge Buster Polypropylene Compatibility Chart:
<https://www.calpaclab.com/polypropylene-chemical-compatibility-chart/>

(Not compatible with gasoline.)