

Calculation Chart



In the left hand column, determine the weight of the heaviest liquid you will be hauling. Move across the columns on the right until you find your tank size. Divide that 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 | 1000G | 2000G | 3000G | 4000G | 5000G | 6000G | 7000G | 8000G | 9000G |
|--------------------------------------|-------------------------|-------|-------|-------|-------|---|-------|-------|-------|
| Fuels** - Less than 8.34# per gallon | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 31 | 30 |
| Base - up to 8.34# per gallon | 32 | 32 | 32 | 32 | 32 | 31 | 30 | 29 | *28 |
| Level 1 - 8.34# - 9# per gallon | 31 | 31 | 31 | 30 | 30 | 29 | 29 | 28 | * |
| Level 2 - 9# - 10# per gallon | 30 | 30 | 29 | 29 | 28 | 27 | 26 | *25 | * |
| Level 3 - 10# - 11# per gallon | 29 | 29 | 28 | 27 | 26 | 25 | *24 | * | * |
| Level 4 - 11# - 12# per gallon | 28 | 28 | 27 | 26 | *24 | * | * | * | * |
| Over 12# call (866) 787-4360 x101 | ** Fuels - NO Gasolines | | | | | *Call LSC to confirm the Number of Surge Busters Required | | | |

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.

3300G tank ÷ 26 = 126.923 = **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, calculate the appropriate adjustment.

SB807 Chart

| Tank Size | 100G | 150G | 200G | 300G | 400G | 500G | 600G | 700G | 800G |
|------------------------------------|------|------|------|------|------|------|------|------|------|
| Less than 8.34# per gallon | 4 | 6 | 8 | 12 | 17 | 21 | 26 | 31 | 37 |
| 8.34# per gallon to 10# per gallon | 5 | 8 | 10 | 15 | 21 | 26 | 32 | 38 | 45 |
| 10# per gallon to 12# per gallon | 6 | 9 | 12 | 18 | 25 | 32 | 40 | 48 | 57 |

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 |
|------------------------------------|-----|-----|------|------|------|------|--|
| Less than 8.34# per gallon | 3 | 5 | 10 | 15 | 20 | 30 | |
| 8.34# per gallon to 10# per gallon | 4 | 6 | 12 | 18 | 25 | 38 | |
| 10# per gallon to 12# per gallon | 4 | 7 | 13 | 22 | 29 | 43 | |

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.

Failure to follow these requirements will cause the Surge Busters to fail and void the two-year warranty.