

Highland UL Saddles



Highland Tank®

Highland Tank UL Saddles

No longer do you need to determine how many saddles you need for a tank. Whether you're installing a 2,000 or a 50,000 gallon tank, two Highland UL saddles are all you need.

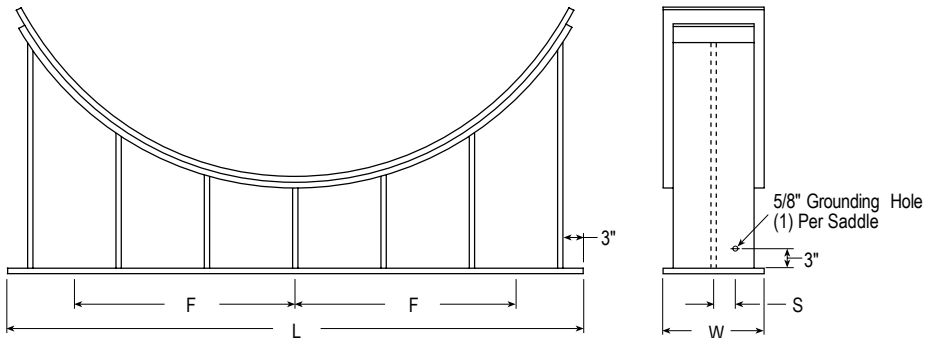
Highland UL Saddles are fabricated to the latest UL-142 design standards. Welded heavy plate steel construction, when used with Highland UL-142 single-wall or double-wall tanks, allows for the 2-saddle system. On larger tanks, extra reinforcing plates are welded to the tank to provide additional structural support.

Two saddles minimize the stresses applied on the tank shell. Installation is easier and less labor intensive compared with installing, aligning and sloping multiple saddles per tank.

All saddles are constructed to provide 6" of clearance under the tank for visual inspection. Four 1-1/8" diameter bolt holes are provided for securing the saddles to your concrete pad or piers. Saddles are painted to the same specifications as the tank.



General Arrangement



Tank Diameter	Base Plate Dimensions		Bolt Hole Locations from Centerline	
	Length (L)	Width (W)	Front (F)	Side (S)
3'2"	35"	8"	7.5"	2"
4'0"	44"	8"	12"	2"
5'4"	58"	8"	14"	2"
6'0"	65"	8"	17.5"	2"
8'0"	87"	10"	28.5"	2"
9'0"	98"	10"	34"	2"
10'0"	108"	10"	39"	2"
10'6"	114"	10"	42"	2"
12'0"	130"	1'0"	50"	3"

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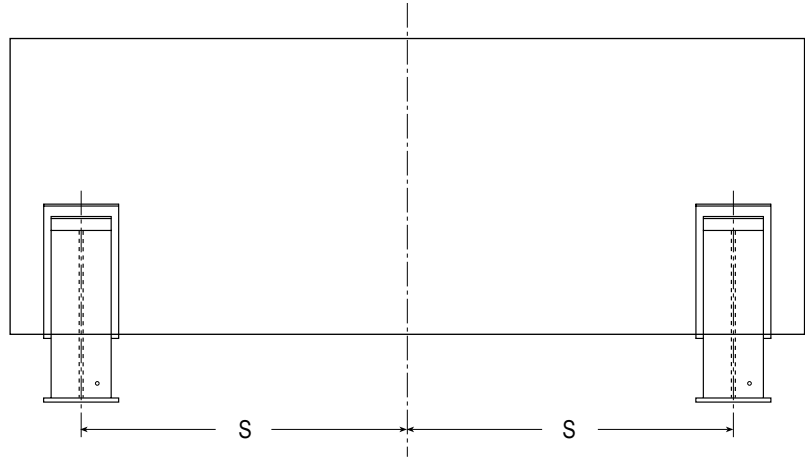
Highland UL Saddles are fabricated to the latest UL-142 design standards. They are engineered, designed, and fabricated with welded heavy plate steel.

Highland UL Saddles have been engineered specifically for each diameter tank we manufacture. This type of construction allows for just two saddles to be employed. (*Note: When installing a tank with a bulkhead for a compartmented tank, additional saddle(s) may be required. Consult with Highland's Engineering department for your specific application.)

All saddles are constructed to provide 6" of clearance under the tank for visual inspection. Four 1-1/8" diameter bolt holes are provided for securing the saddles to your concrete pad or piers.

It is recommended that you contact an engineer and consult local building codes before constructing your pad or piers. The chart and diagram at right will assist you in determining the position of the saddles.

Saddle Spacing Diagram



Nominal Capacity (Gallons)	Tank Dimensions		Saddle Spacing (S) Centerline of tank to centerline of saddle
	Diameter	Length	
185	3'2"	3'4"	11"
240	3'2"	4'0"	1'3"
300	3'2"	5'0"	1'9"
500	4'0"	5'5"	1'9"
1,000	4'0"	10'9"	4'5"
1,000	5'4"	6'0"	1'8"
1,500	5'4"	9'0"	3'2"
2,000	5'4"	12'0"	4'8"
3,000	5'4"	18'0"	7'8"
4,000	5'4"	24'0"	10'8"
4,000	6'0"	19'0"	8'0"
4,000	8'0"	10'8"	3'3"
5,000	6'0"	23'10"	10'5"
5,000	8'0"	13'4"	4'8"
6,000	6'0"	28'8"	12'10"
6,000	8'0"	16'0"	6'0"
8,000	8'0"	21'4"	8'8"
8,000	10'0"	14'0"	4'6"
10,000	8'0"	26'8"	11'4"
10,000	10'0"	17'0"	6'0"
12,000	8'0"	32'0"	14'0"
12,000	10'0"	20'6"	7'9"
15,000	8'0"	40'0"	18'0"
15,000	10'0"	25'6"	10'3"
20,000	10'0"	34'0"	14'6"
20,000	10'6"	31'0"	12'11"
25,000	10'6"	38'9"	16'9"
30,000	10'6"	46'6"	20'8"
40,000	12'0"	47'6"	20'9"
50,000	12'0"	59'6"	26'9"



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