



# FUEL TANKS

Meeting all your storage needs



- Single Wall Non-UL Tanks
- Heavy duty UL 142 generator fuel tanks
- Fully Customizable



500 Gallon UL 142 Tank



140 Gallon UL 142 Tank



Horizontal Cylindrical Tanks

# SPECIFICATIONS

We specialize in the fabrication of UL-142 sub base tanks. The tanks are manufactured to the following specifications:

Tanks are of heavy - duty construction utilizing primary 3/16 steel plate. Double wall design tanks with the inner tank being constructed with 3/16" thick mild steel. Tanks are rectangular in shape and have a heavy formed channel for main frame. All welds are full fillet welds at no less 1/8".

All of the load support for any generator set is to be done by the side channels on the outer tank only so as not to place the inner tank under any stress from load or vibration. If the generator base tank is wider than the generator set to be supported, structural supports are to be used to span the width of the base tank from side channel to side channel. The structural supports can then support the genset. All load support is transferred from the supports to the outer tank side channel.

Every tank is completely inspected and tested. Pressure leak tests are performed at 3 to 5 psi on the primary tank to ensure compliance with UL - 142 and to provide for maximum structural integrity. Our tanks have undergone top load tests, Buoyancy tests and hydrostatic testing.

**Normal Vents** are sized in accordance with API (American Petroleum Institute) for venting Atmospheric and Low Pressure Storage Tanks. Normal Vent is not less than 1-1/4' in diameter.

**Emergency Vents** are determined in accordance to the wetted area of the tank as per UL-142 table 8.1 . The different sizes used are 3", 4" or 6" . The opening pressure is .5 psig with full opening at 2.5 psig. In Closed top diked tanks, venting is with a unique atmospheric, weatherproof design developed, which is sized to accommodate the total required capacity for venting.

## Coatings

Standard color is black but custom colors are available. Interior surfaces of the tank are fogged with a rust preventative to ensure that rust will not form prior to first use.

# SPECIFICATIONS

## Standard Tank features include:

- Electrical “ Stub up “ areas as needed for customers electrical connections.
- Full Pipe Coupling
- All pipe connections come with plastic plugs
- Fitting include; fuel supply and return utilizing double tapped threaded bushing
- Fuel Fill (2”NPT)
- Normal vent (1-1/4”min)
- Emergency vent (as required)
- Drain (1/2 “ NPT)
- Optional Leak Detector Switch
- Lift lugs with capacity rating of up to 14,000 lbs per lug.
- Any other fittings as required by customer

## Options and Features Gauges, Fill and Venting

- Emergency Vents ( 2” - 6” )
- Normal T type Vent - 1-1/4” ,
- 8” riser tube to elevate T type vent
- 2” NPT Fill Neck with lockable cap and 8” pipe riser
- Fuel Level Gauge - mechanical
- Fuel Level Gauge - electrical



# PRODUCT LINE UP

Single Wall Non UL		Double Wall UL 142	
Model	Gallons	Model	Gallons
TANK-SW60	60	TANK-DW100	100
TANK-SW75	75	TANK-DW200	200
TANK-SW100	100	TANK-DW250	250
TANK-SW120	120	TANK-DW300	300
TANK-SW150	150	TANK-DW400	400
TANK-SW200	200	TANK-DW500	500
TANK-SW300	300	TANK-DW600	600
TANK-SW400	400	TANK-DW800	800
TANK-SW500	500	TANK-DW1000	1000
TANK-SW600	600	TANK-DW1200	1200
TANK-SW800	800	TANK-DW1500	1500
TANK-SW1000	1000	TANK-DW1750	1750
TANK-SW1200	1200	TANK-DW2000	2000
TANK-SW1500	1500	TANK-DW2700	2700
TANK-SW1750	1750	TANK-DW3000	3000
TANK-SW2000	2000	TANK-DW5000	5000
TANK-SW3000	3000		
TANK-SW3500	3500		
TANK-SW5000	5000		

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