Americas
GENERATORS

FUEL TANK GUIDE

MEETING ALL YOUR FUEL STORAGE NEEDS

CONTACT US

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americasgenerators.com

FUEL TANKS

Americas Generators, Inc offers custom Fuel Tanks in various designs, materials, and sizes.

- Single Wall Non-UL Tanks
- Double Wall UL142 Generator Fuel Tanks
- Double Wall Indoor and Outdoor Tanks
- Aluminum Fuel Tanks
- Stainless Steel Fuel Tanks
- Cylindrical Fuel Tanks
- Day Tanks
- Fully Customizable

Call us to review Fuel Tank options. We can build a tank to your specifications or modify a stock tank to meet your requirements.

We Can Do More
When We Work Together

FEATURES & BENEFITS

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 1-¼' 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 psigwith 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.

FEATURES & BENEFITS

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 (1-¼"min)
- Emergency vent (as required)
- Drain (½ " NPT)
- Optional Leak Detector Switch
- Lift lugs with capacity rating of up to 14,000 lbsper lug
- Any other fittings as required by customer

Options and Features Gauges, Fill and Venting:

- Emergency Vents (2" -6")
- Normal T type Vent -1-¼"
- 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

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All specifications are subject to change without notice.