



...STRONG
...ECONOMICAL
...AND GOOD-LOOKING

CENTRIFUGAL CAST TANKS FROM DESIGN TANKS, LLC

Originally developed as a method to construct high-performance gondolas for recreational balloons, the centrifugal cast process developed into and remains one of the most versatile and economical methods of producing high-quality fiberglass tanks. By utilizing centrifugal force to combine resin and glass, the process provides tanks with all the mechanical strength necessary for liquid storage. Centrifugal cast tanks provide the superior chemical resistance capability of a high resin-to-glass ratio wall construction and the most aesthetically pleasing exterior appearance in the industry. Centrifugal cast tanks manufactured by Design Tanks, LLC are designed to meet or exceed the design strength requirements of ASTM D4097.

With the options of 9 different diameters (24", 30", 32", 38", 42", 48", 60", 72", and 90"), a variety of top and bottom configurations, a range of attachments, and a selection of resins, Design Tanks, LLC can meet your fiberglass reinforced plastics (FRP) tank needs for everything from water to highly corrosive chemicals.



MIX TANKS

Heavy wall tanks with an external flange lip to meet industrial mixing application's more stringent requirements (supports mixers up to 250 lbs.) Available with flat bottom or dish bottom (to provide complete drainage) with integral FRP skirt or leg ring with steel pipe legs.



SECTIONAL TANKS

Sectionalized FRP tanks provide an option for retrofit applications such as solar energy tanks or fire protection systems when doorway or height restrictions limit access. Modular design with sections capable of passing through doors as narrow as 30" that are assembled on-site with no special tools or training required. Tanks can be placed in service in as little as 24 hours after assembly.



SOLAR TANKS

Sectional or single piece tanks capable of storing water up to 180°F.



OPTIONS

TOPS



OPEN TOP

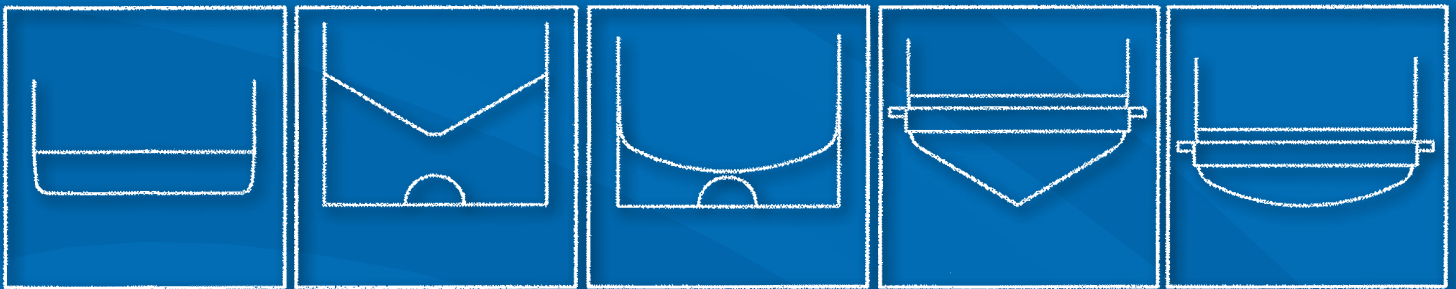
FLANGE LIP

ANNULAR DOME

FLAT TOP

DOMES

BOTTOMS



FLAT BOTTOM

30° CONE BOTTOM
W/FRP SKIRT

DISH BOTTOM
W/ FRP SKIRT

30° CONE BOTTOM
W/LEG RING

DISH BOTTOM
W/LEG RING

LEG RINGS FITTED WITH STEEL LEGS
OF DESIRED HEIGHT

ATTACHMENTS

Flanges—bonded standard, siphon drain, or side bottom drain. Conical or blade gusseted or non-gusseted with standard sizes from 1/2" to 24."

Couplings—bonded half or full female NPT from 1/2" to 6."

Bulkhead fittings—mechanical seal with expansion grommets from 1/2" to 3". Recommended for tanks 48" diameter and smaller.

Manways—bonded, available for either side (bolt down) or top (bolt down or hinged).

Fillwells—available in 5", 10", 16", or 22" sizes.

Hold down lugs and lifting lugs in either galvanized carbon steel, 304 SS, or 316 SS.

Additional attachments available.

FILAMENT WOUND TANKS

Design Tanks, LLC offers filament wound tanks in diameters of 8', 9', 10', 11'9", 12', and 14' for a wide variety of applications including water, chemical, liquid fertilizer, air scrubbers, and salt brine. FRP tanks are available up to 50,000 gallon capacity.

THE DESIGN TANKS ADVANTAGE

With almost 50 years of experience, as well as a seasoned and knowledgeable sales and engineering staff, Design Tanks can design, engineer, and manufacture tanks to meet your needs. We can engineer and provide atmospheric pressure-rated FRP tanks to meet seismic zone and wind load requirements. A maintenance-free exterior with many color options, high strength-to-weight ratio, and longer life make FRP tanks the most economical choice over the life of the tank.

Design Tanks utilizes state-of-the-art production process, automation, and quality control to deliver tanks that provide customer satisfaction. Design Tanks always provides realistic cost and delivery quotations that you can rely on, with no downstream surprises.

Call Design Tanks, your Design Tanks Distributor, or visit us on the web at www.designtanks.com.

We look forward to serving you soon.

DESIGN TANKS, LLC

612 West Blackhawk Street

Sioux Falls, SD 57104-0321

Toll Free: 888-366-8265

Local: 605-965-1600

www.designtanks.com

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