

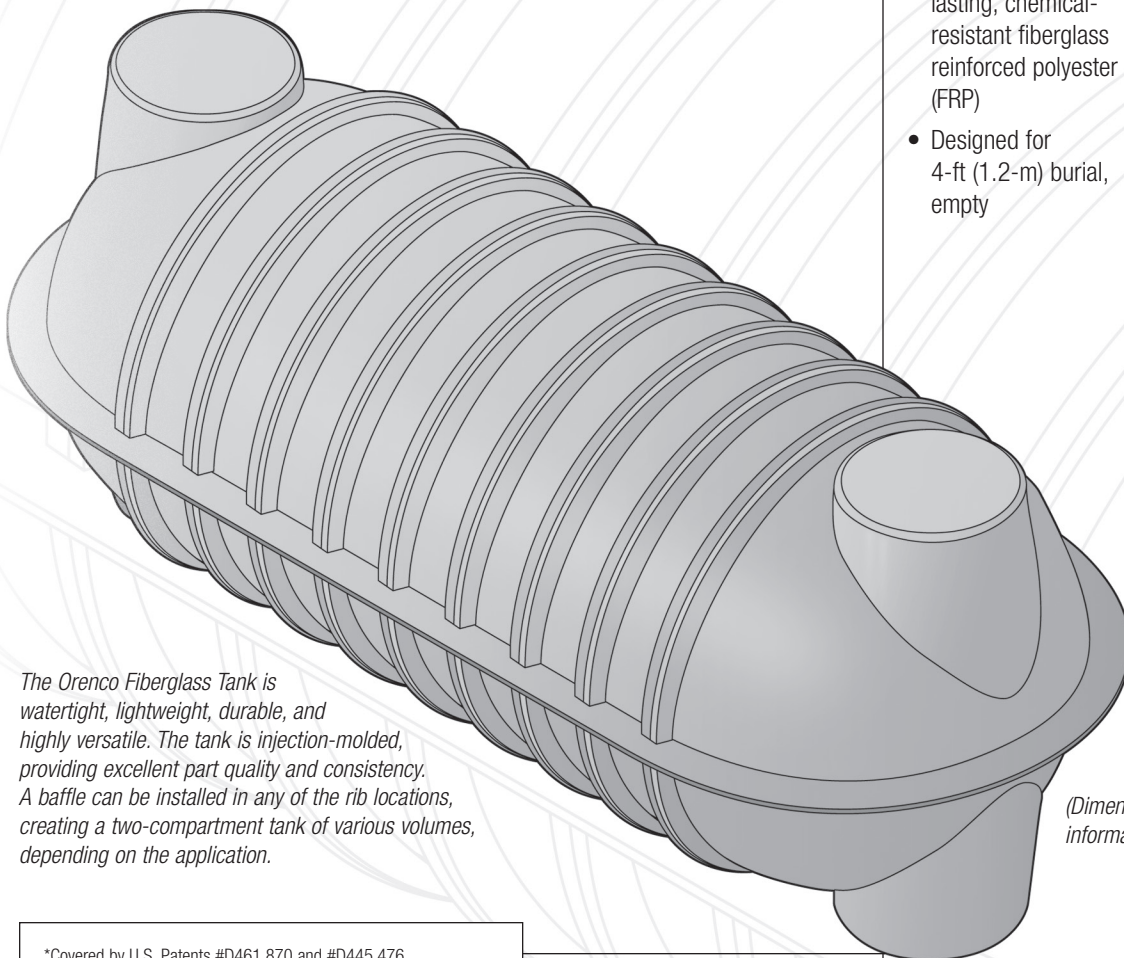
Orenco 1000- & 1500-gal. FRP Tanks

1000-gallon (3785-liter); 1500-gallon (5678-liter)

Applications

The watertight Orenco injection-molded Fiberglass Tank* comes in two sizes and has been optimized for use in onsite wastewater collection and treatment systems (residential and commercial) and in community-wide effluent sewer systems. As the tank collects and digests organic matter, it provides primary wastewater treatment, reducing wastewater contaminants by 65–70%.

Note: These tanks have not been tested for use with potable water.



The Orenco Fiberglass Tank is watertight, lightweight, durable, and highly versatile. The tank is injection-molded, providing excellent part quality and consistency. A baffle can be installed in any of the rib locations, creating a two-compartment tank of various volumes, depending on the application.

(Dimensions and ordering information on back.)

Features & Benefits

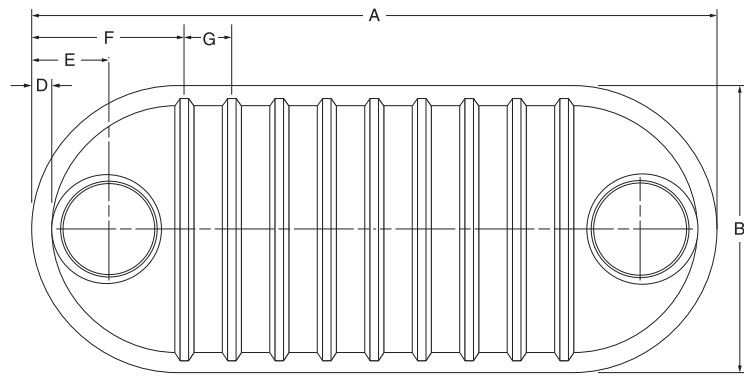
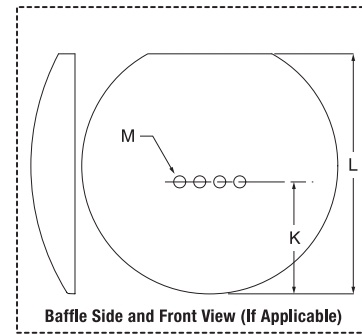
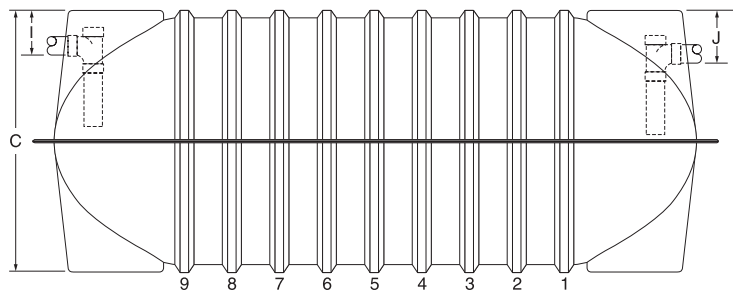
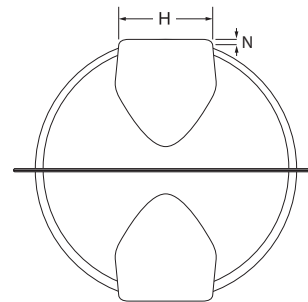
- 100% watertight, for optimal wastewater treatment; every tank is water tested before shipping
- Injection molded for unmatched part quality and consistency; eliminates costly call-backs for repairs
- Made of long-lasting, chemical-resistant fiberglass reinforced polyester (FRP)
- Designed for 4-ft (1.2-m) burial, empty
- Light enough to transport in a pickup or small trailer and install with a backhoe (lifting brackets attached); no waiting for delivery truck
- No-hassle installation, even on the smallest lots
- Accommodates a baffle wall in any of the rib locations, creating a two-compartment tank of various volumes
- Directly accepts standard Orenco 24-in. (600-mm) diameter PVC risers; adapter available for 30-in. (760-mm) diameter
- Installation and orientation of inlet and outlet easily accomplished with watertight EPDM grommets

*Covered by U.S. Patents #D461,870 and #D445,476

Note: Listed by IAPMO/UPC. These tanks have not been designed for use in a location that receives vehicle traffic. Placement in a traffic area requires an engineered traffic-bearing pad.

Orenco®

Orenco Systems®, Incorporated


Top View

Baffle Side and Front View (If Applicable)

Side View

End View

Specifications

	1000 gal. (3785 L)	1500 gal. (5678 L)
Dimensions in inches (and millimeters)		
A Length	121.0 (3073)	168.0 (4270)
B Width	72.0 (1830)	72.0 (1830)
C Height	64.5 (1640)	64.5 (1640)
D Flange width	5.5 (140)	5.5 (140)
E End to center of tank access	21.5 (550)	21.5 (550)
F End to first rib	37.0 (940)	37.0 (940)
G Rib spacing	11.6 (295)	11.6 (295)
H Outside diameter of tank access	23.5 (600)	23.5 (600)
I Inlet invert (typical)	11.0 (280)	11.0 (280)
J Outlet invert (typical – if used)	13.0 (330)	13.0 (330)
K Height to pass-through holes (typ.)**	30.0 (760)	30.0 (760)
L Height to top of baffle	60.0 (1520)	60.0 (1520)
M Pass-through hole diameter	3.0 (76)	3.0 (76)
N Riser adapter depth	1.5 (38)	1.5 (38)

Weight in pounds (and kilograms)

1-compartment (assembled)	390 (177)	590 (268)
2-compartment (assembled)	420 (191)	620 (281)

Volume in gallons (and liters)

Volume to typical invert of inlet	1086 (4111)	1615 (6112)
Volume to typical invert of outlet	1050 (3974)	1561 (5908)
Total tank volume (approximate)	1210 (4580)	1800 (6813)

* Detailed drawings and additional technical documentation are available, including volume charts and installation instructions.

** Other baffle configurations are available.

Model Code

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Riser connections (inlet side/outlet side):
Blank = accepts 24" riser (no adapter needed)
12 = accepts 12" riser
18 = accepts 18" riser
30 = 30" adapter installed

Depth to inverts (inlet/outlet):

Blank = no inlet or outlet
11 = 11" (standard)
13 = 13" (standard)
C = custom; specify

Diameter of access riser openings (inlet side/outlet side):

Blank = no riser opening
12 = accepts 12" riser
18 = accepts 18" riser
19 = includes flange for PVU applications
22 = no flange; AX and PVU with NB option
C = custom; specify

Number of compartments and baffle location (ribs 1 through 9):

01 = one compartment
21 = two compartments, rib #1
22 = two compartments, rib #2, etc.

Tank size (gallons):
1000
1500

Tank

To Order

Call your nearest Orenco Systems®, Inc. Distributor. For nearest Distributor, call Orenco at 800-348-9843, or visit www.orenco.com and click on "Where to Buy."