

# M1000G Gravity Discharge Tank

## Applications

Orenco's watertight M-Series molded DCPD tank\* is optimized for multiple uses, including septic tanks and dosing tanks in onsite wastewater collection and treatment systems (residential and commercial), as well as in community-wide, liquid-only sewer systems. It collects and digests organic matter, providing primary wastewater treatment by reducing BOD and TSS by 65% and 70% or better, respectively.\*\*

These tanks are not tested for use with potable water.

## Product Code Diagram

**M 1000 G**

Discharge option:  
G = gravity discharge

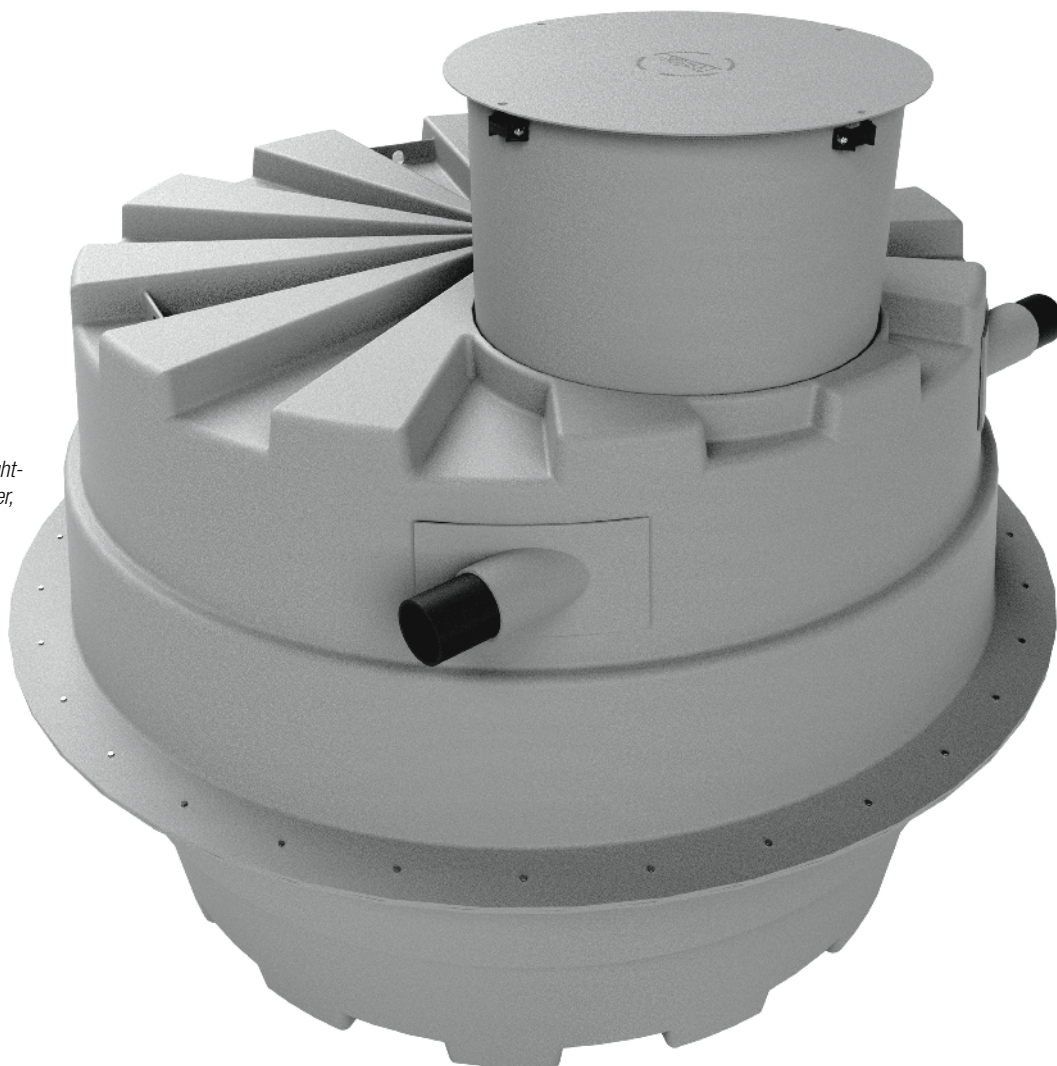
Tank size, gal. (L):  
1000 = 1000 (3785)

M-series meander-type tank

## Features

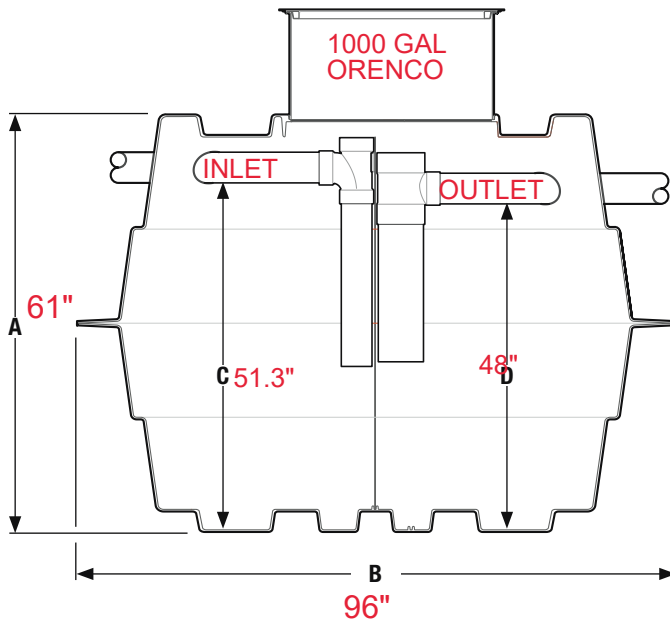
- 1000-gallon (3785-L) meander-type tank for longer settling times and better solids retention
- 100% watertight design; each assembled tank is tested for watertightness before shipping
- DCPD construction for structural durability and chemical resistance
- Injection molded for unmatched consistency and quality
- Sized for transport by a light pickup or small trailer
- Lightweight enough for lifting and installation with a backhoe
- Ideal for small and tight lots
- 30-in. (750-mm) access riser opening

*Orenco's watertight M1000G tanks are lightweight, durable, and versatile. (Access riser, lid, and filter sold separately.)*

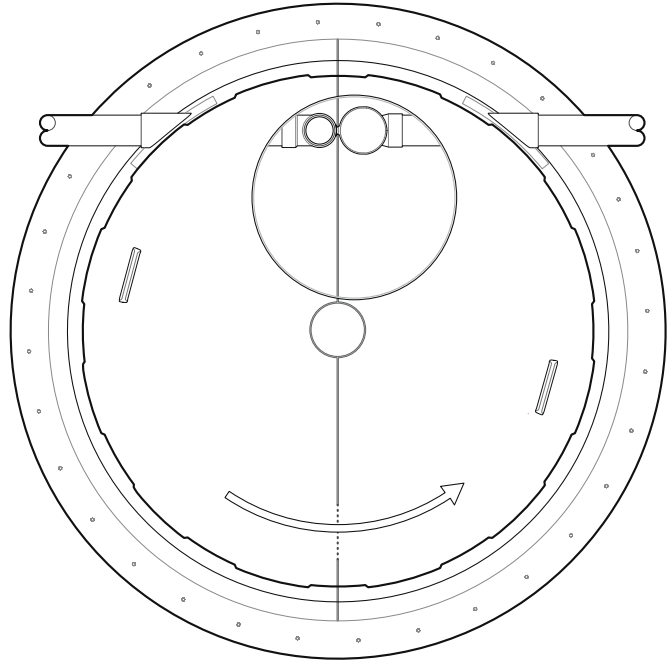


\* Tanks covered under United States Patent #10,392,281.

\*\* Gabriel Bitton, Wastewater Microbiology, 3rd Ed. (Hoboken, New Jersey: John Wiley & Sons, 2005), 361.



*Side sectional view, M1000G (effluent filter sold separately)*



*Top sectional view, M1000G (effluent filter sold separately)*

## Materials of Construction

|                  |          |
|------------------|----------|
| Inlet and outlet | ABS      |
| Tank body        | DCPD     |
| Support column   | PVC, ABS |
| Baffle wall      | ABS      |

## Specifications

|                                                    |             |
|----------------------------------------------------|-------------|
| Tank nominal operating volume, gal. (L)            | 1000 (3785) |
| Tank total volume, gal. (L)                        | 1220 (4618) |
| Average volume at operating depth, gal./in. (L/mm) | 20 (3)      |
| Weight, nom., lbs (kg)                             | 400 (181)   |
| A. Tank height, in. (mm)                           | 61 (1549)   |
| B. Tank outside diameter, in. (mm)                 | 96 (2438)   |
| C. Invert of inlet height, in. (mm)                | 51.3 (1303) |
| D. Invert of outlet height, in. (mm)               | 48 (1219)   |