

**Roth**

## **Roth MultiTank®**

**Septic Tanks  
Water Cisterns  
Pump Tanks  
Holding Tanks  
Rain Water Harvesting**



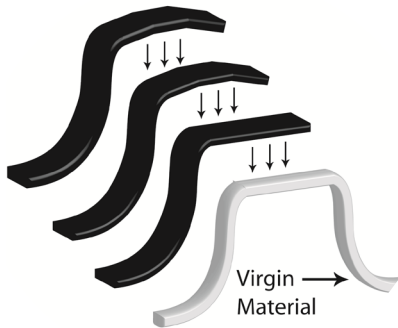
**Roth**  
**MULTITANK**

*Living full of energy*

## Roth MultiTank® Product Specifications

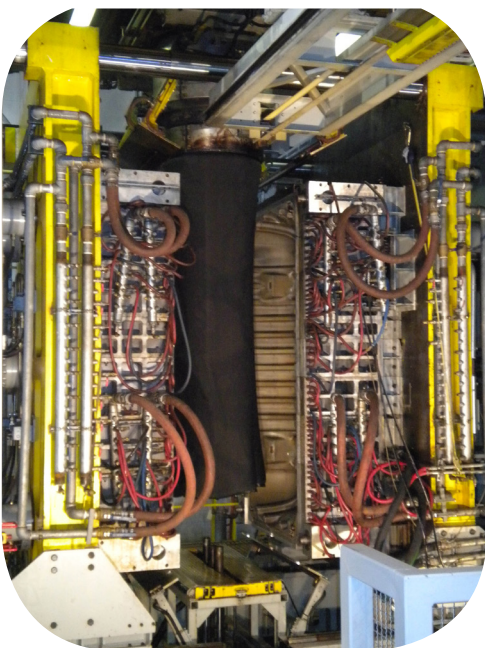
MODEL	DESIGN CAPACITY	TOTAL CAPACITY	ACTUAL CAPACITY	HEIGHT	WIDTH	LENGTH	WEIGHT
	Gallons (Liters)	Gallons (Litres)	Gallons (Liters) 40"/42" Liquid Level	Inches (mm)	Inches (mm)	Inches (mm)	Pounds (kg)
RMT-300 (single layer)	300 (1186)	325 (1230)	273 (1033)/284 (1075)	54 (1372)	45 (1143)	50 (1270)	120 (55)
RMT-500	500 (1893)	535 (2025)	452 (1710)/474 (1794)	51 (1295)	62 (1575)	60 (1524)	225 (102)
RMT-750	750 (2840)	1000 (3785)	853 (3229)/898 (3399)	51 (1295)	62 (1575)	103 (2616)	360 (163)
RMT-1000E	1000 (3785)	1161 (4394)	990 (3747)/1028 (3891)	51 (1295)	62 (1575)	118 (2997)	450 (204)
RMT-1060	1060 (4013)	1337 (5061)	1177 (4455)/1227 (4645)	51 (1295)	62 (1575)	133 (3378)	520 (236)
RMT-1250	1250 (4730)	1469 (5560)	1259 (4766)/1319 (4992)	51 (1295)	62 (1575)	148 (3759)	560 (254)
RMT-1500	1500 (5678)	1771 (6703)	1540 (5830)/1601 (6060)	51 (1295)	62 (1575)	177 (4496)	640 (291)

**Environmentally Sound. 100% of scrap is recycled and reused. The most environmentally-sound method available (no air, water or solid waste discharge as a result of our process)**



**Not all tanks are created equal. Roth's revolutionary process changes everything.**

- ❖ State-of-the-art computer controlled multi-layer blow molding process produces perfect parts. Repeatable process, repeatable field performance you can trust.
- ❖ Our tanks are manufactured by a unique and proprietary blow-molding process resulting in the most structurally sound polyethylene tank on the market.
- ❖ After decades of conventional technology, Roth brings 40 years of blow molding experience to the North American market. In fact, 1 out of every 2 tanks in Europe is of blow-molded construction.







***Setting the standards for all other tanks. The Roth MultiTank® offers undisputed best-in-class status and the highest brand recognition of any tank in the market. The only tank you will ever need.***



***The Roth RMT is listed to IAPMO cUPC per Standard Z1000 and NSF under Standard 61.***

## **FREQUENTLY ASKED QUESTIONS**

**Q: What is the highest vacuum level Roth tanks have been tested at?**

**A: Roth tanks are routinely tested at vacuum levels exceeding 6" Hg with a maximum vacuum level of 9.5" Hg.**

**Q: What happens to the tank when vacuum testing to higher levels?**

**A: In a word, nothing. The tanks deform and twist, but of the hundreds of tanks vacuum tested by Roth there has never been a rupture, tear, fracture or breach of any kind. Every single tank tested by Roth to any level of vacuum has remained 100% watertight.**

**Q: If Roth tanks can sustain such a high level of vacuum testing, why do some other manufacturers warn not to test their tanks above 2.5" inches of mercury vacuum pressure?**

**A: Roth routinely vacuum tests our competitors tanks to benchmark the performance of our product. While all tanks perform differently, one competitor's product actually implodes catastrophically at just over 6" Hg.**

**Q: Do all manufacturer's vacuum test their tanks?**

**A: Yes. In some States, most notably Florida, vacuum testing is required for State approval. Vacuum testing is universally used by tank manufacturers, regulators and engineers as the overarching structural test for all plastic tanks. This is why it is so important to ask detailed questions about vacuum testing and understand the implications of the results when compared to actual installed conditions.**

**Q: I noticed a thick rib at the middle of the Roth tank. Is that a seam?**

**A: No. The rib you are referring to is called the mold part-line. All Roth tanks are 100% seamless and are formed using 125 psig air. Any seams or joints are a potential leak path, especially if they are at the middle of the tank below the liquid level.**

**Q: Is there any assembly required with Roth tanks? For example do I have to install the compartment wall?**

**A: No. Roth tanks are fully assembled and ready to go. The only work you have to do is drill the holes for the piping and you are good to go. Many State's prohibit any field assembly or modification to the tanks after leaving the manufacturing facility.**

## Feature and Benefits

### ❖ Multi Usage

For water cistern, pump, holding, rainwater or septic tank applications

### ❖ Multi Layer

Inner layer of FDA approved virgin HDPE, two inside layers of PE for improved stability, plus one outer layer of black and UV-stabilized PE.

### ❖ Multi Coverage

Lifetime\* Corrosion Protection and 5 years of Labor Insurance Coverage\*\*

**Lifetime\* Corrosion Protection and 5 years of Labor Insurance Coverage\*\* on all Roth MultiTanks®**



**Q:** Excavating and installing tanks can be pretty rough on the products being installed. What happens if I drop my Roth tank off my trailer or push it around with my bucket?

**A:** There's a good chance you might damage your bucket, but you certainly won't hurt the tank. Roth tanks are extremely durable and are regularly bounced, pushed, rolled and generally banged around with heavy equipment. Avoid sharp edges such as the teeth on a backhoe as you can puncture the tank, but you basically cannot damage it from rough treatment.

**Q:** Roth claims to have the best warranty in the industry. What exactly is covered or is this one of those "limited warranties"?

**A:** Roth's warranty is by far the best in the industry and is all based on our certified installer program, another industry leading program by Roth. Once an installer has been trained on installing Roth tanks he is now a certified installer. Installations performed by certified installers come with a lifetime warranty against corrosion, a 5 year warranty against failure due to workmanship or material defects AND up to \$2500 in labor support to remove the defective tank and install a new tank. In short, not only will we replace the

product free of charge, but we will pay your contractor up to \$2500 for the work.

**Q:** Roth tanks cost more than other plastic tanks. Why is this? Isn't plastic just plastic?

**A:** Far from it. There are literally hundreds of grades of thermoplastics and the blow-molding resin used by Roth has higher average density, flexural modulus, tensile strength, tensile impact and elongation specifications than most of the resins used by our competitors. In addition to the resin properties, Roth tanks are generally much thicker than our competitor's tanks. Ask about the weight of the tank before you purchase as this is often a very good indicator of the structural integrity of the product.

**Q:** Why are Roth tanks internal surfaces white in color?

**A:** Roth's blow-molding machine utilizes a four-layer extrusion head that allows us to line the wetted surface of the tank with an NSF-61 listed resin so all Roth tanks (except our 300 G) can be used for potable water storage in addition to being used for onsite wastewater. This multi-purpose feature allows our distributors the benefit of stocking only one tank.

## Roth MultiTank® Key Facts

### Less Worries

- ❖ No cracking
- ❖ No corrosion
- ❖ Watertight
- ❖ Higher life expectancy
- ❖ Strongest and heaviest poly tank on the market
- ❖ True structural integrity
- ❖ HDPE — the most chemically-resistant material in the world

### Easier Handling

- ❖ Lightweight
- ❖ Simple, user-friendly installation
- ❖ No water backfill required
- ❖ Multi-port inlet/outlet
- ❖ Versatile — suitable for septic, pump, and cistern applications
- ❖ Roth offers all accessories to complete a whole system, including the popular STAR® riser systems
- ❖ Can be installed up to 72" deep (in some states and Canadian Provinces)

Visit [www.RothMultiTank.com](http://www.RothMultiTank.com) to find certified Roth RMT installers.  
Are you certified? Make sure you are listed on our website!

## Roth MultiTank® Accessories



### Distribution Box

- ❖ 12-hole distribution box, allows for parallel pipe runs on 4 sides
- ❖ Invert drop of 2" between inlet and outlet pipes
- ❖ 24" I.D. provides plenty of elbow room during installation, leveling and maintenance
- ❖ Basin can be weighted with aggregate to maintain level
- ❖ Bring to grade using the Star® threaded riser system
- ❖ Includes a Star-24L (threaded lid), gasket and security seal

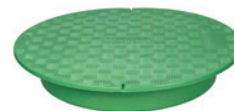


### Riser System

- ❖ 24" I.D. Threaded STAR® Riser
- ❖ Maximum versatility in the field
- ❖ Watertight connection
- ❖ Extra-strong flat top design
- ❖ Unique anti-slip surface
- ❖ Easily secured against unauthorized entry
- ❖ Excellent for retrofit or cast-in

### Plus.....

- ❖ 18 in and 24 inch adapters
- ❖ Riser gaskets
- ❖ Safely lids
- ❖ Butyl sealants
- ❖ Hanging pump vaults
- ❖ Partition assemblies
- ❖ Pipe seals
- ❖ Effluent filters
- ❖ Security seals



### Plug Covers

- ❖ Maximum versatility in the field
- ❖ Extra-strong flat-top design
- ❖ Unique anti-slip surface
- ❖ Easily secured against unauthorized entry
- ❖ Excellent for riser retrofit
- ❖ Fits all major manufacturer's 18" & 24" pipes
- ❖ Gasket and two security seals included



### Plumbing Kit

- ❖ Inlet Tee
- ❖ Outlet Tee
- ❖ (2) 4" pipe seals



**Generation**  
> Solar Thermal

**Storage**  
> Septic  
> Cistern  
> Rainwater Collection  
> Oil Storage Tanks

**Distribution**  
> Radiant Floor Heating  
> Plumbing Systems

\*Lifetime is the expected service life. See warranty for details.

\*\*Coverage on workmanship and product cost, which includes the replacement and excavation of tank, up to \$2,500. This is subject to proper installation according to Roth's installation manual and the installer must be certified by a Roth Representative. Please contact us for more information on joining our elite group of certified installers.

**WARRANTY:** Roth Global Plastics Inc. warrants the accessories for a period of five years from date of purchase against any manufacturing defects, providing the accessory has been used and installed in accordance with manufacturers written instructions. Roth Global Plastics Inc. will, at its option, repair or replace any accessory deemed to be defective and Roth Global Plastics' obligations under this warranty are strictly limited to the repair and/or replacement of the defective accessory. Roth Global Plastics Inc. assumes no liability in cases of improper installation or misuse. Roth Global Plastics Inc. is not responsible for any resulting contingent liabilities or charges. This warranty applies only to the original accessory installation.



WARNING: These products can expose you to chemicals such as Titanium Dioxide, Crystalline Silica Quartz and Palygorskite, which are known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Roth Global Plastics  
Roth North America Corporate Office  
PO Box 245  
Syracuse, NY 13211  
P: 866-943-7256  
F: 315-475-0200  
[www.roth-usa.com](http://www.roth-usa.com)  
[www.rothmultitank.com](http://www.rothmultitank.com)

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