

# Double-wall Oil Tanks

ENERGY STORAGE



Utilizing double-wall construction  
for ultimate safety and reliability



Roth, a family-owned business established in Germany over 60 years ago, now operates in over 40 countries worldwide with \$250 million in sales and 1,100 employees. The North American division operates two manufacturing plants in upstate New York. Roth specializes in environmentally-friendly products that produce, distribute and store energy for the finest homes.



#### ENERGY PRODUCTION:

Solar and Geothermal Heat Pump Systems

#### ENERGY STORAGE:

Septic, Cistern, Rainwater Collection and Oil Storage Tanks

#### ENERGY DISTRIBUTION:

Radiant Floor Heating and Pex-c Plumbing Systems

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**Environmentally-friendly products that produce,  
distribute and store energy for the most efficient homes.**



Roth double-walled oil tanks offer the highest level of safety and environmental protection.

Unique double-walled construction

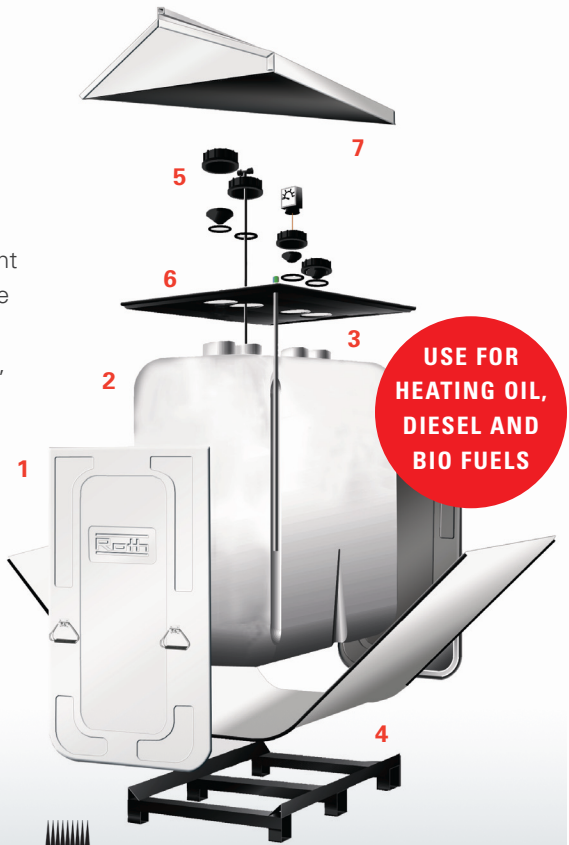
Our uniquely designed oil tanks are the safest and most reliable on the market. The outer tank is made of leak-proof, weld-free galvanized steel and rollseamed with an oil and fire-resistant seal. It can contain at least 110 percent of the capacity of the inner tank for maximum protection. The inner tank is made of blow-molded, high-density, seamless polyethylene that is leak proof and will never corrode. Roth tanks are easier and faster to fill thanks to their unique expansion system, all but eliminating the possibility of spills by home heating oil professionals. And, our compact tanks are available in several different sizes, providing more flexibility for placement in any home.

Built with safety and the environment in mind

Roth oil tanks exceed the industry standard safety regulations. They are rust resistant inside and out and are designed to prevent spills, leaks and fires caused by defective pipes, couplings or fittings located underneath the tank. In fact, it is the only tank on the market with no fittings below the oil line. Each tank undergoes thorough testing, including ultrasound and pressure testing, to ensure optimal thickness and sealing.

Roth Eco DWT PLUS 3 Features

- 1 Weld-free galvanized steel outer tank that can hold 110 percent of the primary tank
- 2 Seamless high-density polyethylene inner tank
- 3 Highly visible optical leak alarm
- 4 Up to 50 percent lighter than a 12-gauge steel tank with larger storage capacity
- 5 Non-corrosive steel filling system that provides an even level in each tank when installed in groups
- 6 Burner feeding system with a Duplex bushing installed directly into the opening. Available with 3/8" or 1/2" compression fittings for copper tubing. Fittings can be removed for a threaded opening of either 3/8" or 1/2". NPT on top and bottom for black iron pipe oil lines.
- 7 Cover for outside use



GREAT CONSUMER WEBSITE

In an effort to help consumers become more aware of the safety and reliability Roth oil tanks offer, we have designed a micro website specifically for this product. It is loaded with valuable information and can be found at [www.heatingoilstoragetanks.com](http://www.heatingoilstoragetanks.com)

FREE INSTALLATION TRAINING

We offer free, one-hour installation training sessions on a regular basis. Additionally, if you have multiple trainees, we are available to provide training at your location. To learn more or arrange a training session, call your sales representative or a Roth wholesaler in your area.

Key Benefits

- Leak-proof and will not corrode
- Outer tank holds 110 percent of inner tank for maximum protection
- Up to 50 percent lighter than conventional steel tanks
- Can use for heating oil, diesel and bio fuels
- Compact, economical design (8 sq. ft. for 1000L)
- Provides maximum storage safety with minimum space requirements
- Removable base facilitates access to tight spaces and greater stability
- Wide handles on each end allow you to transport and handle with ease
- Unique expansion system ensures increased storage capacity and faster, easier fill-ups
- Quality control and testing exceeds industry standards

Tank Dimensions					
Tank Model	DWT 400L	DWT 620L	DWT 1000L	DWT 1000LH	DWT 1500L
Nom. capacity US gal (liters)	110 (400)	165 (620)	275 (1000)	275 (1000)	400 (1500)
Length inches (cm)	29 (74)	29 (74)	43 (110)	51 (130)	64 (163)
Width inches (cm)	28 (72)	28 (72)	28 (72)	30 (76)	30 (77)
Height inches (cm)	44 (112)	61 (155)	61 (155)	54 (137)	68 (173)
Min. height required inches (cm)	49 (125)	66 (168)	66 (168)	60 (152)	76 (193)
Tank weight lbs. (kg)	106 (48)	132 (60)	167 (76)	208 (94)	333 (151)
Shipping weight lbs. (kg)	115 (52)	143 (65)	185 (84)	230 (104)	358 (162)
Approximate Footprint for Multiple DWT Installations					
Tank Model	DWT 400L	DWT 620L	DWT 1000L	DWT 1000LH	DWT 1500L
2 tanks in inches (side by side)	29 x 60 (74 x 152)	29 x 60 (74 x 152)	43 x 60 (110 x 152)	51 x 63 (130 x 160)	64 x 63 (163 x 160)
3 tanks in inches (side by side)	29 x 92 (74 x 234)	29 x 92 (74 x 234)	43 x 92 (110 x 234)	51 x 96 (130 x 244)	64 x 96 (163 x 244)
4 tanks in inches (side by side)	29 x 124 (74 x 315)	29 x 124 (74 x 315)	43 x 124 (110 x 315)	51 x 129 (130 x 328)	N/A
5 tanks in inches (side by side)	29 x 156 (74 x 397)	29 x 156 (74 x 397)	43 x 156 (110 x 397)	51 x 162 (130 x 411)	N/A
2 tanks in inches (end to end)	N/A	N/A	28 x 90 (72 x 229)	N/A	N/A

All DWT PLUS 3 oil tanks come with a generous 30-year limited warranty, as well as an insurance policy worth up to \$2 million.

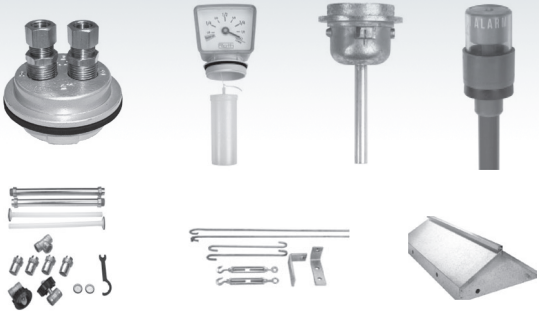
Rest easy knowing Roth energy storage products are safe, reliable, the most durable on the market and they are guaranteed to last.



Roth Eco DWT PLUS 3 Accessories

Roth provides the additional components you'll need to install and operate our oil tanks to their full potential.

- Duplex Bushing, 1/2" or 3/8"
- Fuel Oil Gauge
- Ventalarm
- Leak Indicator
- Expansion Kits (for multiple tanks)
- Tie Down Kit (for near water)
- Tank Cover (for outdoor install)



Call 1.888.266.7684 or visit [www.roth-america.com](http://www.roth-america.com) for additional information and product lines.