

Energy Systems

Roth Thermotank Quadroline

the new generation of storage tanks for drinking and heating water



up to
65%
less heat loss

“Efficient energy storage is important to us – that’s why we have chosen the Thermotank from Roth.”



Roth Thermotank Quadroline
Winner of the following awards:



energy-efficient

hygienic

safe

Living full of energy

Roth Thermotank Quadroline – a secure investment in the future

Whether it is for your new-build or for renovating an existing heating system, the Roth Thermotank Quadroline offers a wide variety of solutions for heat and drinking water storage. It can be used as a solar, combination, buffer or separation storage tank or as a drinking water heater. The innovative plastic composite Thermotank is made of a heat resistant thermoplastic storage tank plus high performance fibre composite material.

- > **lower operating costs** compared to standard metal storage tanks because the heat is stored efficiently
- > **maintenance-free** thanks to corrosion-free plastic composite material
- > **hygienic storage tank** heats drinking water hygienically based on the constant flow principle using stainless steel heat exchangers
- > **light and compact:** the ideal solution for both renovations and new buildings
- > **pressure-resistant** for direct integration into the heating system
- > **robust:** the innovative plastic composite material guarantees maximum strength
- > **diffusion-resistant** thanks to its special wall structure
- > **easy to combine** with all heat sources
- > **5-year guarantee**

The Thermotank Quadroline won “Best Product of the Year” and “Product of the Year” in the Plus X Awards back in 2012, the year it was launched, as well as in the year after.



Energy efficiency

The Roth Thermotank Quadroline's efficient heat storage is not only eco-friendly, but also saves money – your money!

When compared directly with metal storage tanks of the same size, the Quadroline records **up to 65% less heat loss** thanks to its plastic composite material, which takes the pressure off your heating and off your wallet too. Depending on the model, heating processes that are necessary for the compensation of the standing losses can be reduced by a quarter, so the investment pays off quickly.



Hygiene

The high-performance composite plastic used prevents corrosion.

Hygienic operation is of the utmost importance, particularly for our drinking water. To achieve this, Roth offers an integrated heat exchanger made of corrugated stainless steel piping to heat drinking water based on the constant flow principle.

The fresh water is heated when it is required – quickly, safely and cleanly.





Compact safety

The high-performance composite material used guarantees **maximum strength**.

In the development of this heat storage tank, we use technologies that have been tried and tested in space. The composite technology used to achieve the plastic heating tank's pressure resistance is now also being applied to heat and drinking water storage tanks for building technology.

The compact design enables **space-saving installation** in the corner of a room.



► Pressure resistance approved by TÜV Hessen



Safe, attractive, light, efficient – the Thermotank is an impressive all-rounder



> Attractive design, compact shape

The compact design of the Roth Thermotank Quadroline makes optimal use of space. Compared to conventional round storage tanks, the Quadroline's design stands out thanks to its practical, space-saving dimensions.

> Quick and easy to transport home

Even if the tank's volume is large, its lightweight design (about a third of the weight of a conventional steel storage tank) makes it easy for two people to carry, saving time and money at the point of installation.

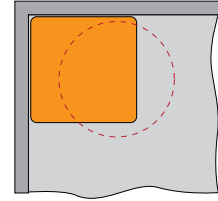
> Casing for extra efficiency

For increased energy efficiency, you can choose between two versions of the Roth Thermocoat – an additional white casing which surrounds the Thermotank completely.

> Heat storage tank cost comparison

	Other manufacturers			
	Roth Quadroline PE-RT and composite, high-performance 100 mm insulation	Storage tank type 1 Stainless steel, 100 mm insulation	Storage tank type 2 Enamel-coated steel, 100 mm insulation	Storage tank type 3 Enamel-coated steel, 80 mm insulation
Energy efficiency				
Energy loss				
Weight				
Purchase costs				
Maintenance costs	-			
Energy costs				
Total costs Purchase + Maintenance + Energy costs	First year			
	Second year			
	Third year onwards			

> Space utilisation comparison



- Thermotank Quadroline
- Conventional round steel storage tanks

Thermotank Quadroline:
saves space thanks to optimised connections



> You can find out more online at www.lebenvollerenergie.de, or scan the QR code and receive information straight to your smartphone:

> Your specialist:

