

# Heating Oil Tank Turned into a Water Reservoir



**Potable Water is the most important part of our nutrition. Every day, we use about 130 Liters per person. Only about 3 Liters are actually used to prepare food or as beverages.**

For the use of rain water, there is a great number of good reasons:

- The supply of clean potable water is limited.
- It is a waste of valuable potable water if it is used for irrigation, washing laundry, or flushed down in a toilet.
- The use of rain water helps saving energy (transport and treatment costs!)
- Rain water does not contain calcium carbonate.  
Advantages:
  - o Reduced application of soap
  - o better for plants

- Rain water tanks serve as containment areas and release the water gradually into the canal system.
- Rain water tends to be in large supply, even during dry summers.
- In some regions, financial incentives for rain water usage.
- The use of rain water helps save money and protects the environment.
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To be used in such a system, rain water is led to a rain water reservoir via a filter system on the roof. Through a pressure-controlled pump, the rain water is integrated into the water circulation of the house. If there is not enough rain water to cover the current demand, precisely allotted potable water is fed into the system.

Rain water reservoirs can be installed in the basement or below ground. In newly constructed buildings, containers made from synthetics or concrete are normally used. In an already existing building, former cesspits or heating oil containers that are no longer used, i.e., because an alternative source is used for heating, can be transformed into rain water reservoirs. Using such containers as rain water reservoirs is very reasonable. To achieve this, the containers are cleaned and coated. The old (standardized) dome lid with a diameter of 500 mm can be exchanged with a synthetic lid that was specially made for rain water usage. This greatly facilitates the conversion.

For an individual consultation or in case of an emergency, please contact us.

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