

ROTEX variocistern

a member of **DAIKIN** group

**ROTEX**



## Saving money on rainy days.

Use rainwater efficiently and save costs. With the ROTEX variocistern **rainwater storage tank**.



**“In our house the sun is always shining, even when it’s raining. Because we use rainwater for the toilet, washing machine and for watering the garden we are saving cash and also reducing the impact on the environment at the same time. And the best part is that installing the ROTEX variocistern rainwater storage tank is really simple and we did it in a trice.”**

**Frank and Petra Fuchs, homeowners**

# It preserves natural resources and reduces your overheads: Rainwater utilisation with the ROTEX variocistern.

## More than a drop on a hot stone.

Up to 50 % of drinking water used in domestic situations can be easily replaced by rainwater. For watering the garden, for flushing the toilet for cleaning and watering the plants and for the washing machine. This means that everybody can make a decisive contribution to the environment, can reduce drastically their per capita consumption of drinking water and can counteract the receding resources and the extensive area of encapsulation of our landscape.

## Free of charge – but not for nothing.

The use of rainwater for consumption in the domestic situation has financial advantages because rainwater is practically free of charge in virtually any volume you like. That reduces your overheads and amounts to an investment that pays out.

## Adapted to any demand. Thanks to its modular expansion capability.

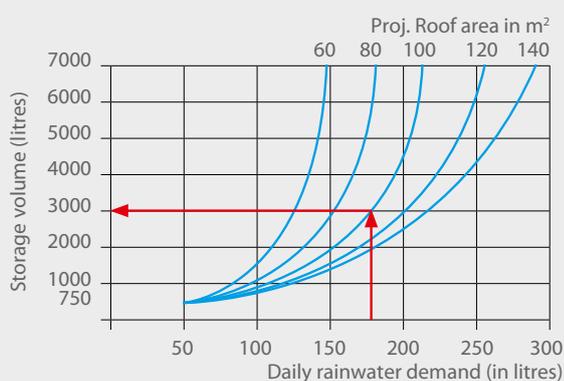
The ROTEX variocistern rainwater storage system offers two different types of tank and associated accessories. The basic variocistern A tank is fitted with one inlet and one overflow. The extension tank variocistern B is combined in corresponding numbers with the A tank to give the desired total

capacity. From experience, the rainwater demand is between 40 and 50 litres per person per day, and is thus around 180 litres per day for a 4 person household.

### ROTEX variocistern.

#### Your benefits at a glance.

- Savings of up to 50 % of the water consumption
- Simple installation and fitting, be it in a new building or as a retro-fit, thanks to its light-weight design and compact dimensions
- Hygienic because non-translucent (no putrefaction possible), corrosion-free and easy to clean
- Modular tank system for all demands
- Free combination and expansion tank batteries for: series, block and corner installation
- No digging in the garden – compared to underground tanks
- Fits through any normal door (external dimensions 78 x 78 cm)
- Approved for drinking water



### What tank size will I need?

The optimum variocistern tank size can be easily determined using the illustration, depending on the size of your roof area and the number of persons in your household.

# Practical and fits through any door.



variocistern	A 750	B 750	A 1000	B 1000
Execution	Basic tank element	Extension tank	Basic tank element	Extension tank
Contents	750 Litres	750 Litres	1,000 Litres	1,000 Litres
Dimensions W x D x H	78 x 78 x 150 cm	78 x 78 x 150 cm	78 x 78 x 190 cm	78 x 78 x 190 cm

The accessories can be seen in the current ROTEX pricelist. Please consult your heating installer.

## Setting up a battery of variocisterns.

A variocistern battery always consists of a tank variocistern type A and one or more tanks variocistern type B. The total number of individual tanks per battery can be chosen as desired. Thanks to the two different tank sizes, storage facilities of any size up to more than 15,000 litres can be realised, depending on the height of the room and the ground area available.

A floor drain must be available in the room where the tanks are erected. The DIN 1986 drainage installation must be observed in Germany (please observe local regulations). Drinking water approved in accordance with KTW Guideline and DVGW Worksheet W270.



## Simple installation, compact dimensions.

Assembly of the variocistern can be done in a trice by your installation company. Thanks to comprehensive standardised accessories and lightweight compact tanks that can fit through every door.

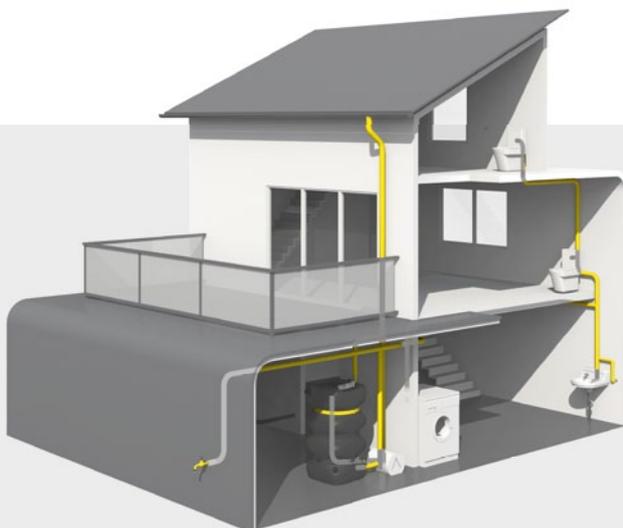
# ROTEX variocistern – Clever rainwater utilisation.

## Clean water and simplest cleaning.

The tanks are made from non-translucent plastic. The light-dependent growth of biomass and associated putrefaction and smell is therefore excluded. If, over a period of many years, and despite fine pre-filtration, deposits should collect on the floor of the tank, cleaning the tank is very simple. The cleaning and draining openings at the top of the tank facilitate simple cleaning by spraying out.

## Combinable with all systems.

The variocistern ROTEX rainwater storage tank can be combined with all the commercially available domestic water systems. This makes it the optimum choice both for new buildings and for retrofitting in existing buildings. For periods of increased use the modular system guarantees rapid simple adaption using the extension tank variocistern B. In order to guarantee water for consumption during extended dry periods there is a top-up kit for topping-up with mains water.



## Use rainwater – save drinking water.

*variocistern facilitates flexible use of rainwater throughout the house:*

- Toilet flushing
- Watering the garden
- Washing machine
- Water consumption – washing table

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# ROTEX

### **What differentiates ROTEX from the other manufacturers?**

We offer individual solutions for the optimum living and working climate – naturally, intelligently, future-proof.

ROTEX is a manufacturer and supplier of complete innovative and environmentally protective heating systems – using decades of experience. Since 1973, ROTEX has stood for innovation and know-how in the field of heat generation, storage and distribution. In the development of products for our high-quality and perfectly matched components we always have the benefit for the user in mind.

The ROTEX product portfolio extends from air-to-water heat pumps, condensing boilers for oil and gas, solar systems and thermal stores, via underfloor heating, heating oil storage tanks and rainwater storage tanks to a combining installation system for sanitary and heating systems. Innovative systems that facilitate the optimum use of conventional and alternative energy carriers in both renovations and in new buildings. ROTEX products stand for unique cost efficiency with maximum environmental benefit and highest levels of flexibility.

ROTEX Heating Systems GmbH is a 100% subsidiary of Daikin Europe NV, and is thus a member of the DAIKIN Group, the world's leading manufacturer and supplier of products for heating, ventilation and climate control. Our combined competence generates optimum product solutions for the strictest of user requirements.

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