

Product Range 2013



# High Quality Systems for Rainwater Harvesting



Look forward to the savings.  
Unique and easy to use solutions.

# Rainwater - perfect for home and garden

Save up to 50% of mains water and protect our environment

Rainwater - perfect for home and garden



*From an annual average rainfall collected from a 80m<sup>2</sup> roof, four people could wash clothes, wash cars, flush the toilet and maintain a small garden, all year long. Harvesting rainwater is worthwhile for you and our environment.*

## Water conservation program for the garden

The long-term weather forecast suggests that the weather is becoming warmer and drier. In the summer months there is less rain, so during this season the demand for watering the garden is rising. What could be better than to collect free rainwater for irrigation to use on dry days? Soft rainwater - your plants like this the most. Water your flowers in your garden with free rainwater from an outside tap using a REWATEC Rainwater Harvesting System.

## Protect our environment

How and at what cost are our vital resources being used today by all of us. Mains water supplies are vital and must therefore be secured for the future.



## Water conservation program to suit your budget

You save money by reducing your mains water consumption. Where mains water is used for toilet flushing, washing clothes, rainwater can be used, thus saving up to 50% of precious water. Rainwater is better quality than ordinary tap water as it is softer and therefore reduces limescale settlement, you use less detergent in the washing machine and less WC cleaner.

## Good reasons to use rainwater

- Save money by reducing water consumption
- Be independent of the water utilities and water price increases
- Soft rainwater is particularly good for your plants
- Contribute actively to the environment and conserve our precious water supplies
- The sewage system is eased, because some of the rain water is collected and is not passed into the sewer system

For your house needs (WC and washing machine) and the garden irrigation with rainwater we offer you different tank systems, according to your requirements

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## Tank BlueLine II

- Classical cylindrical tanks
- 5 tank sizes 2600 to 10000 litre
- Walkable and lorry drivable





# Rain water for domestic use

## Reliable technology for water supply



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### How do I have to prepare?

For a domestic house and garden system you will require a dedicated plumbing circuit to the toilet, washing machine and outside tap(s). This is most cost effective when a system is installed in a new build or major renovation. For an existing property, it may be more feasible to have a garden only system for plant watering and car washing which could, in the future be upgraded to a house system if required.

### How it works

Rainwater from your roof is diverted into the underground storage tank, where it is filtered, kept cool and dark for optimum quality. On demand, the water is pumped directly to your WC's washing machine and outside tap, or to a header tank, which in turn feeds your appliances. If the rainwater storage tank runs dry, depending on your individual system, a small amount of water will be "topped up" into the underground tank, or the header tank supply will be switched to mains water to ensure a constant flow of water to your appliances. The system will use rainwater again the next time the storage tank has sufficient water.

### House system with submersible pressure pump Diver 1200

#### Direct System with auto mains back-up

Rainwater is pumped to the house by the submersible pressure pump in the tank. If the rainwater runs low, the tank will be automatically topped up with mains water by our Automatic mains top up Unit.



### House System with header tank

Indirect System with back up into the header tank. Here Rainwater is pumped to the header tank which feeds the toilet and washing machine by gravity. The mains back up supplies the header tank, an auto flush system ensures water in the tank does not stay there for too long, and the pump only has to run once the header tank is empty, saving on electricity.



### Flat Tank F-LINE

- 4 tank sizes 1500 to 15000 litre
- Minimum installation depth, less total excavation
- Walkable and car drivable

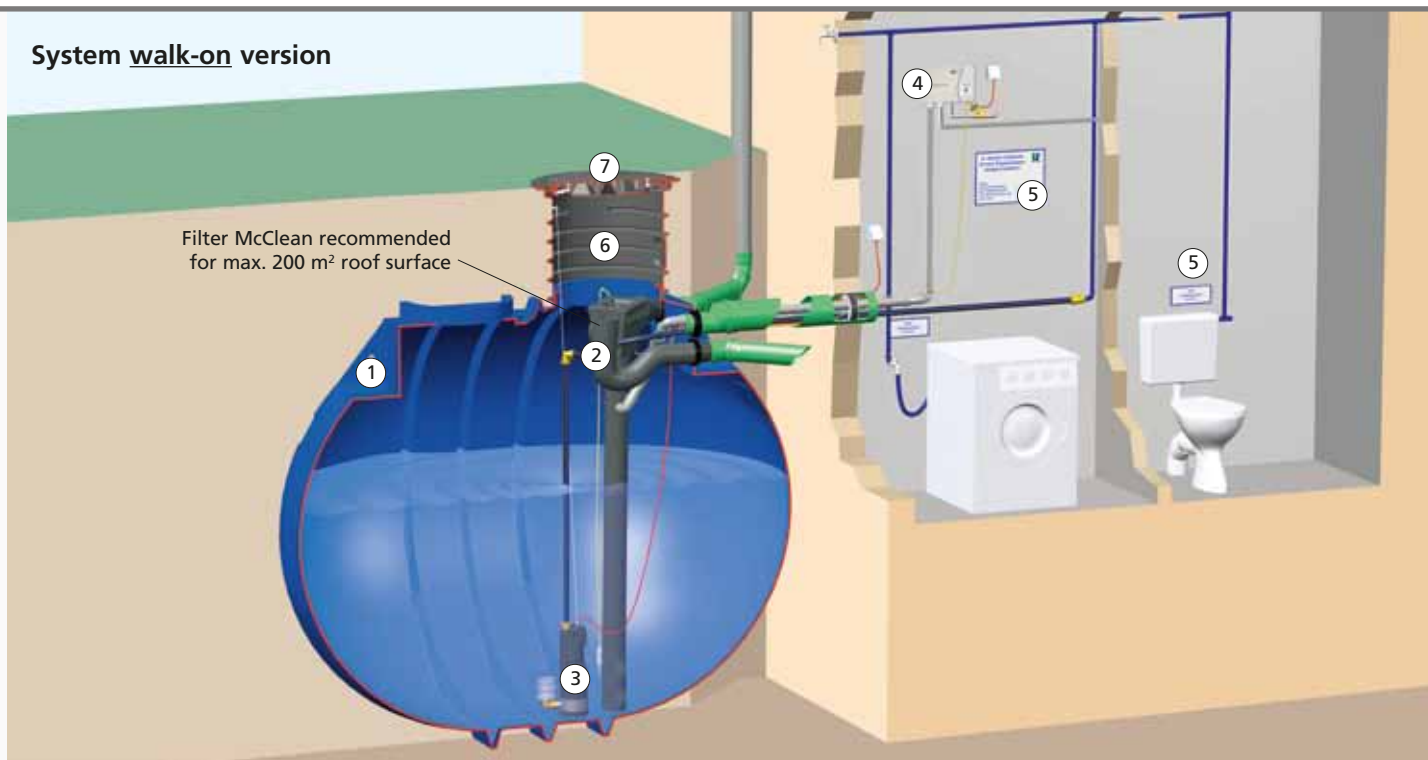
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# House System – Diver BlueLine II

## Direct Pressure System

### System walk-on version

Filter McClean recommended  
for max. 200 m² roof surface



### Scope of Delivery – System walk-on version

- ① Filter tank BlueLine II (BLF), p. 18
- ② Fine filter McClean, integrated in the tank with overflow siphon and calmed inlet
- ③ Submersible pressure pump Diver, high-performance submersible pressure pump with integrated automatic start and stop dry run protection (pressure controller), p. 26
- ④ Automatic Mains Water Top up, complete kit to send mains water to the tank in the event the rainwater tank runs dry, p. 26
- ⑤ Security package, labels according to BS8515
- ⑥ Shaft extension VS 60, height 63,5 cm, Ø 60 cm
- ⑦ Tank cover TopCover (walk on version), made of PE, double-walled, with child security

Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
BLF 2600	RWEB2615	2,178.-	1,815.-
BLF 4300	RWEB4315	2,622.-	2,185.-
BLF 5200	RWEB5215	2,874.-	2,395.-
BLF 7600	RWEB7615	3,234.-	2,695.-
BLF 10000	RWEB9915	4,254.-	3,545.-

### Scope of Delivery – System driveable version

- ① + ② + ③ + ④ + ⑤ +
- ⑧ Complete Car Set 1, max. axle load 2,2 t, total height: 700 - 1100 mm, Consists of: steel cover, Shaft extension BS 60 incl. Seal, spacer ring incl. Rubber Seal for the load separation



Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
BLF 2600	RWEB2625	2,412.-	2,010.-
BLF 4300	RWEB4325	2,856.-	2,380.-
BLF 5200	RWEB5225	3,108.-	2,590.-
BLF 7600	RWEB7625	3,468.-	2,890.-
BLF 10000	RWEB9925	4,488.-	3,470.-

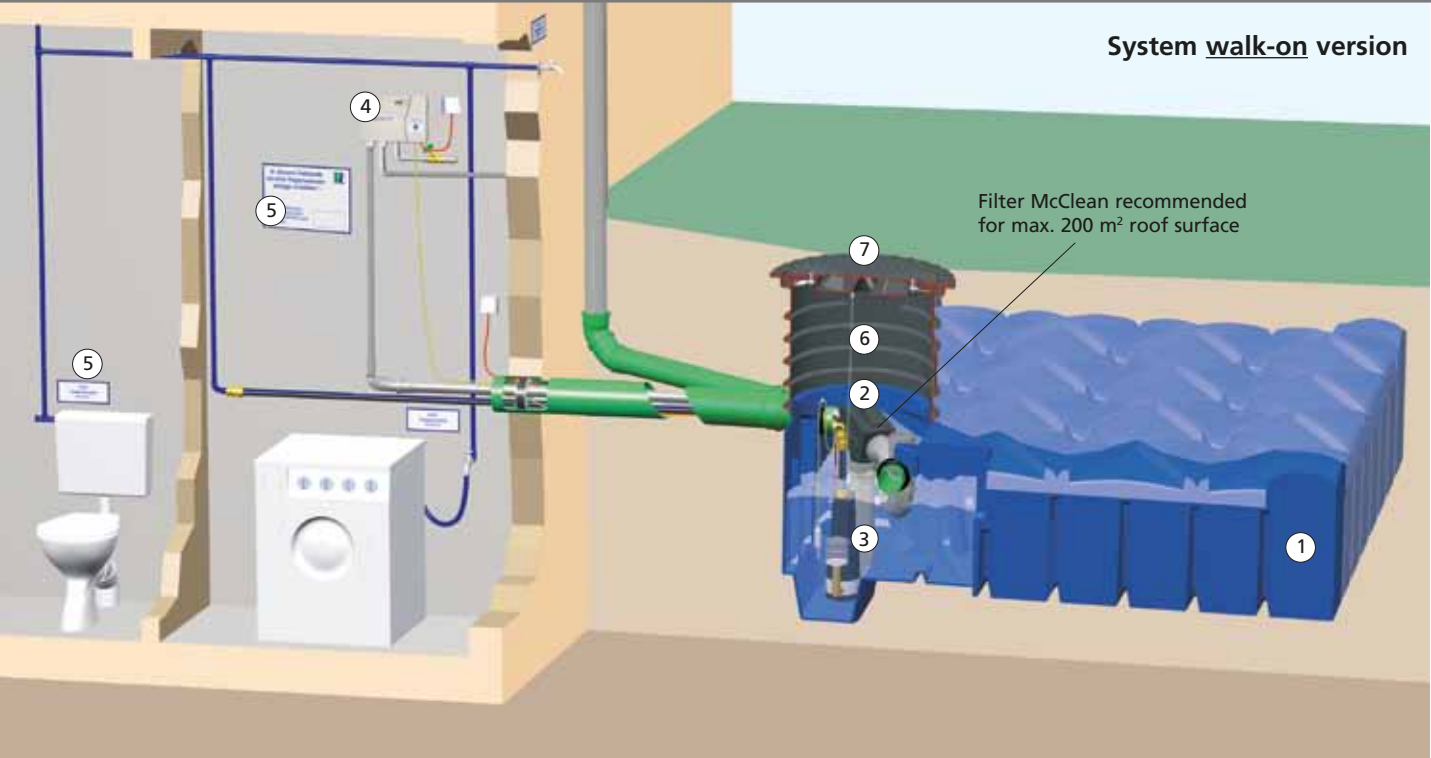
**Upgrade Header Tank:** instead of Mains Water Top-Up (description see page 26)

Order-No. RWZT7090 £ 718.80 incl. VAT £ 599.- excl. VAT

**Recommended accessories:** • Level Indicator (p. 27) • Connection pipe (as described on p. 26)

# House System – Diver F-LINE

## Direct Pressure System



House system



### Scope of Delivery – System **driveable** version

- ① + ② + ③ + ④ + ⑤ +
- ⑧ Complete Car Set 1, max. axle load 2,2 t, total height: 700 - 1100 mm, Consists of: steel cover, Shaft extension BS 60 incl. Seal, spacer ring incl. Rubber Seal for the load separation



### Scope of Delivery – System **walk-on** version

- ① Flat tank F-LINE (FTF), p. 18
- ② Fine filter McClean, integrated in the tank with overflow siphon and calmed inlet
- ③ Submersible pressure pump Diver, high-performance submersible pressure pump with integrated automatic start and stop dry run protection (pressure controller), p. 26
- ④ Automatic Mains Water Top up, complete kit to send mains water to the tank in the event the rainwater tank runs dry, p. 26
- ⑤ Security package, labels according to BS8515
- ⑥ Shaft extension VS 60, height 63,5 cm, Ø 60 cm
- ⑦ Tank cover TopCover (walk on version), made of PE, double-walled, with child security

Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
FTF 1500	RWEF1525	2,316.-	1,930.-
FTF 3000	RWEF3025	2,784.-	2,320.-
FTF 5000	RWEF5025	3,312.-	2,760.-
FTF 7500	RWEF7525	3,708.-	3,090.-

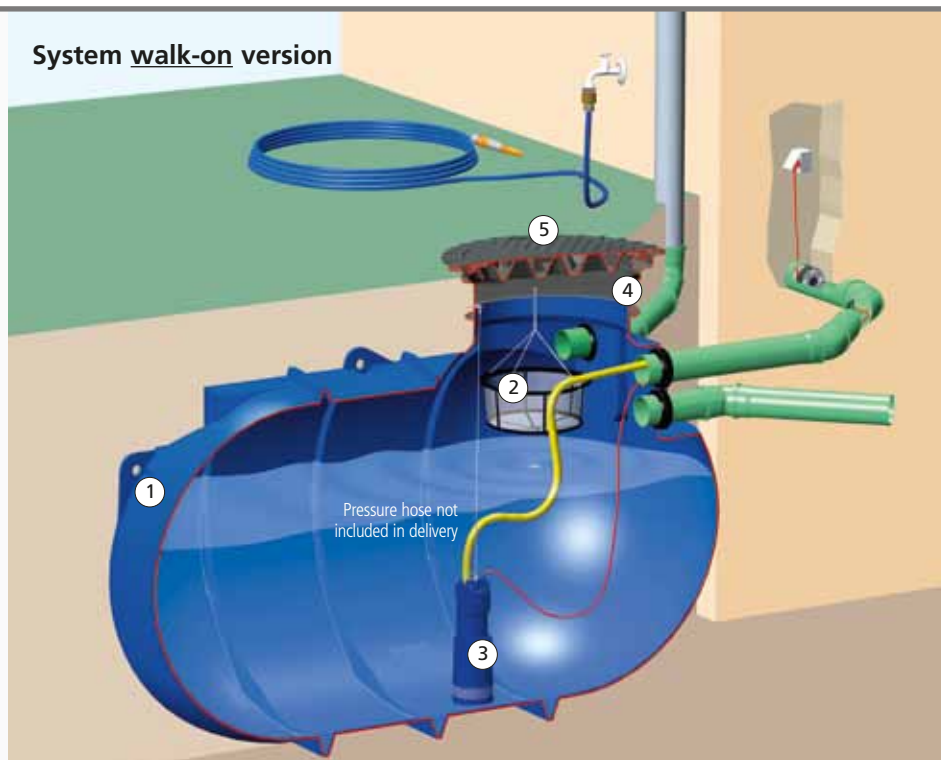
Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
FTF 1500	RWEF1515	2,082.-	1,735.-
FTF 3000	RWEF3015	2,550.-	2,125.-
FTF 5000	RWEF5015	3,078.-	2,565.-
FTF 7500	RWEF7515	3,474.-	2,895.-

**Upgrade Header Tank:** instead of Mains Water Top-Up (description see page 26)  
**Order-No. RWZT7090 £ 718.80 incl. VAT £ 599.- excl. VAT**

**Recommended accessories:** • Level Indicator (p. 27) • Connection pipe (as described on p. 26)



System walk-on version



## Scope of Delivery – System walk-on version

- ① Tank BlueLine II (BL), p. 14 - 15
- ② Filter basket with fitting to hang into the tank
- ③ Submersible pressure pump BlueRain, integrated automatic start and stop (pressure controller), three-stage rotary pump with high output with low energy consumption, dry run protection, p. 26
- ④ Shaft extension VS 20, height 25 cm, Ø 60 cm
- ⑤ Tank cover TopCover (walk on version), made of PE, double-walled, with child security

Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
BL 2600	RWEB2612	1,698.-	1,415.-
BL 4300	RWEB4312	2,142.-	1,785.-
BL 5200	RWEB5212	2,394.-	1,995.-
BL 7600	RWEB7612	2,970.-	2,475.-
BL 10000	RWEB9912	3,774.-	3,145.-

## Scope of Delivery – System driveable version

- ① + ② + ③ +
- ⑥ Complete Car Set 1, max. axle load 2,2 t, total height: 700 - 1100 mm, Consists of: steel cover, Shaft extension BS 60 incl. Seal, spacer ring incl. Rubber Seal for the load separation



Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
BL 2600	RWEB2622	1,956.-	1,630.-
BL 4300	RWEB4322	2,400.-	2,000.-
BL 5200	RWEB5222	2,652.-	2,210.-
BL 7600	RWEB7622	3,228.-	2,690.-
BL 10000	RWEB9922	4,032.-	3,360.-

## Upgrade to Classic system (walk on version only)

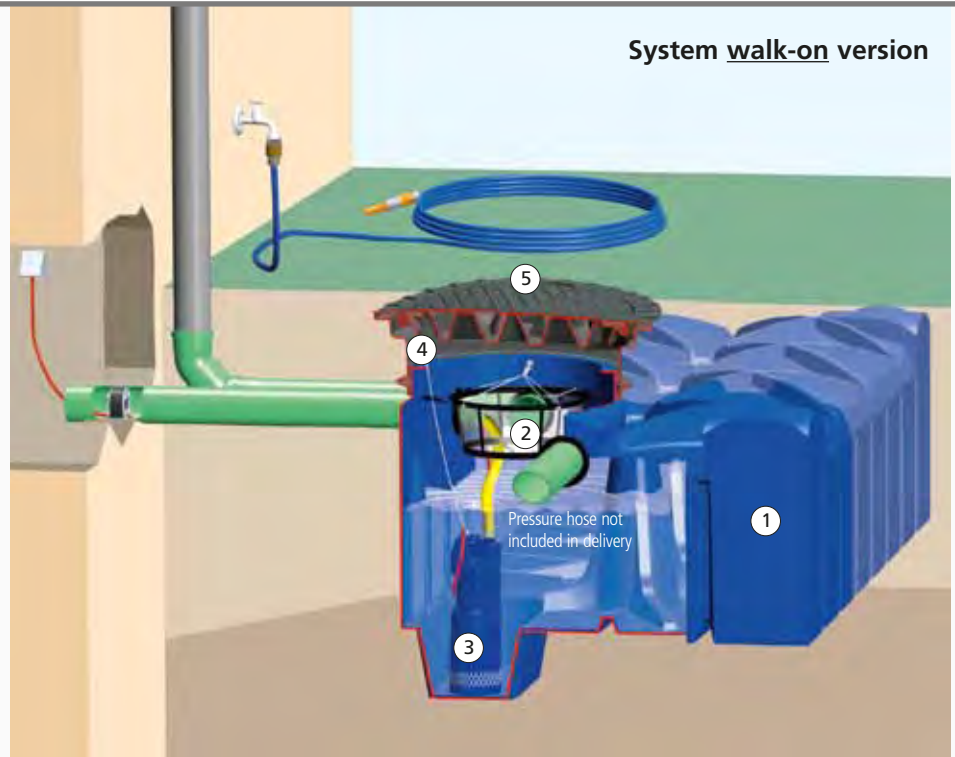
With Tank Cover "TwinCover" (instead TopCover) with integrated water distribution points (description see page 17)

Order-No. RWEZ7000 £ 150.- incl. VAT £ 125.- excl. VAT



**Recommended accessories:** Level Indicator (p. 27)

# Garden system Basic – F-LINE



## Scope of Delivery – System **driveable** version

- ① + ② + ③ +  
⑥ Complete Car Set 1, max. axle load 2,2 t, total height: 700 - 1100 mm, Consists of: steel cover, Shaft extension BS 60 incl. Seal, spacer ring incl. Rubber Seal for the load separation



Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
FT 1500	RWEF1522	1,848.-	1,540.-
FT 3000	RWEF3022	2,328.-	1,940.-
FT 5000	RWEF5022	2,856.-	2,380.-
FT 7500	RWEF7522	3,252.-	2,710.-

## Scope of Delivery – System **walk-on** version

- ① Flat tank F-LINE (FT), p. 10 - 13  
② Pluggable filter basket, fitted on the inflow pipe in the tank  
③ Submersible pressure pump BlueRain, integrated automatic start and stop (pressure controller), three-stage rotary pump with high output with low energy consumption, dry run protection, p. 26  
④ Shaft extension VS 20, height 25 cm, Ø 60 cm  
⑤ Tank cover TopCover (walk on version), made of PE, double-walled, with child security

Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
FT 1500	RWEF1512	1,590.-	1,325.-
FT 3000	RWEF3012	2,070.-	1,725.-
FT 5000	RWEF5012	2,598.-	2,165.-
FT 7500	RWEF7512	2,994.-	2,495.-

## Upgrade to Classic system (walk on version only)

With Tank Cover "TwinCover" (instead TopCover) with integrated water distribution points (description see page 17)

Order-No. RWEZ7000 £ 150.- incl. VAT £ 125.- excl. VAT



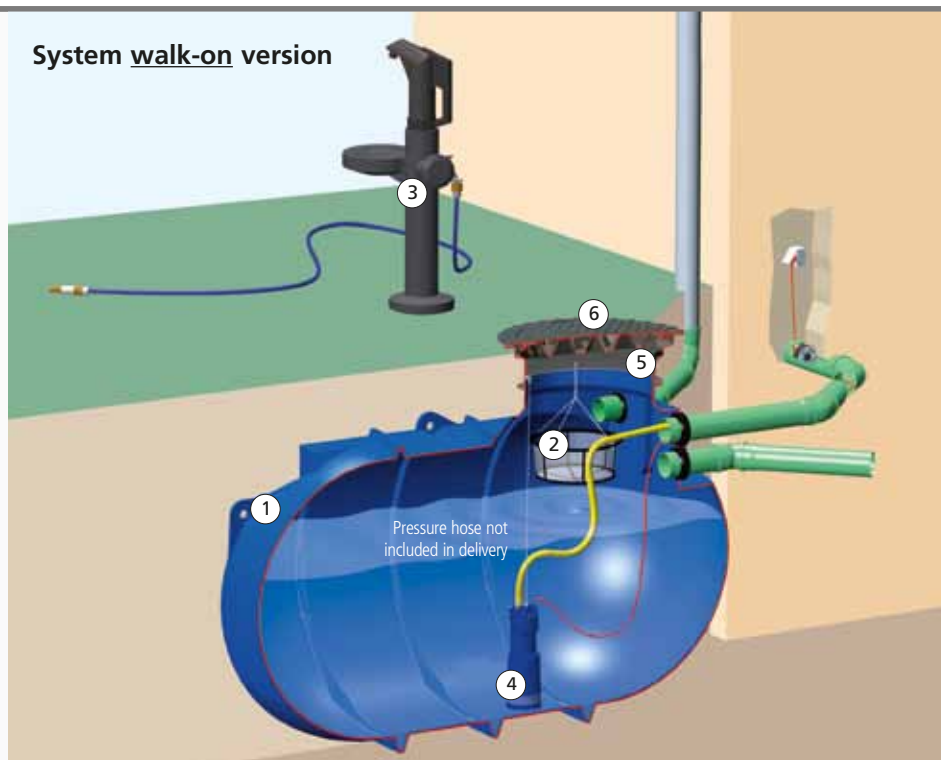
**Recommended accessories:** Level Indicator (p. 27)



# Garden system Hybrid – BlueLine II

The versatile solution with water pump and hand pump

System walk-on version



Watering can not included in delivery

## Scope of Delivery – System walk-on version

- ① Tank BlueLine II (BL), p. 14 - 15
- ② Filter basket with fitting to hang into the tank
- ③ Hand pump water dispenser including hybrid and tap, see description below right
- ④ Submersible pressure pump BlueRain, integrated automatic start and stop (pressure controller), three-stage rotary pump with high output with low energy consumption, dry run protection, p. 26
- ⑤ Shaft extension VS 20, height 25 cm, Ø 60 cm
- ⑥ Tank cover TopCover (walk on version), made of PE, double-walled, with child security

Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
BL 2600	RWEB2613	1,878.-	1,565.-
BL 4300	RWEB4313	2,322.-	1,935.-
BL 5200	RWEB5213	2,574.-	2,145.-
BL 7600	RWEB7613	3,054.-	2,545.-
BL 10000	RWEB9913	3,954.-	3,295.-

**Recommended accessories:** Level Indicator p. 27

## Scope of Delivery – System driveable version

- ① + ② + ③ + ④ +
- ⑦ Complete Car Set 1, max. axle load 2,2 t, total height: 700 - 1100 mm, Consists of: steel cover, Shaft extension BS 60 incl. Seal, spacer ring incl. Rubber Seal for the load separation



Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
BL 2600	RWEB2623	2,136.-	1,780.-
BL 4300	RWEB4323	2,580.-	2,150.-
BL 5200	RWEB5223	2,832.-	2,360.-
BL 7600	RWEB7623	3,312.-	2,760.-
BL 10000	RWEB9923	4,212.-	3,510.-

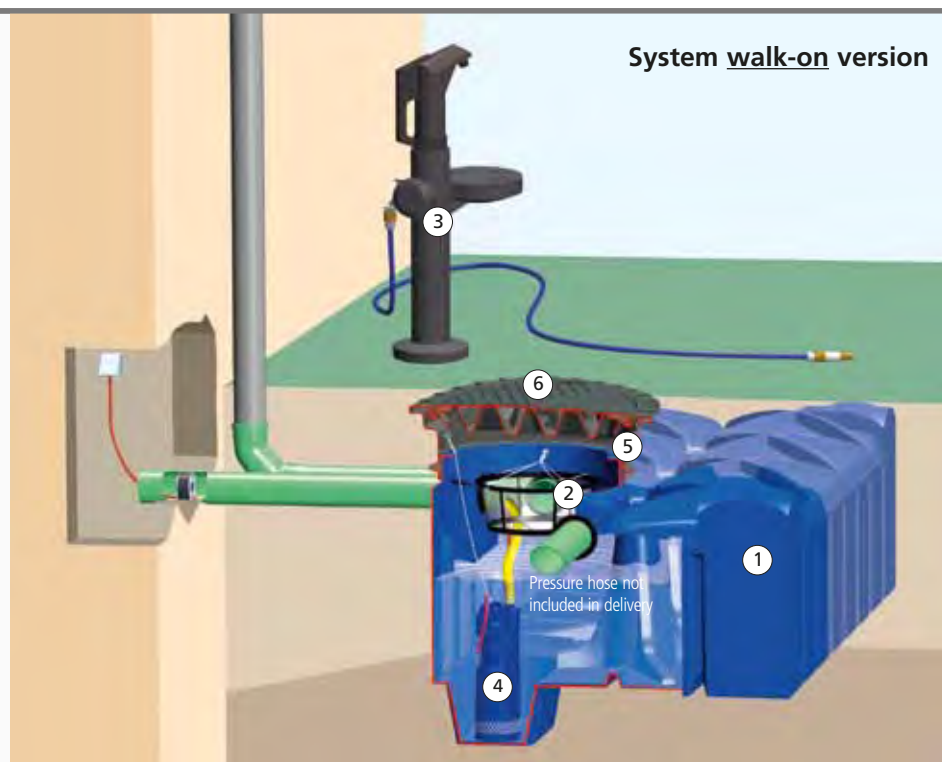
## Description: Hand pump water dispenser:

Hand pump water dispenser including hybrid and tap (chrome 3/4"), storage for watering can and hose, black granite column, dark brown hand pump, Column height including pump 96 cm, diameter 12 cm



# Garden system Hybrid – F-LINE

The versatile solution with water pump and hand pump



## Scope of Delivery – System driveable version

- ① + ② + ③ + ④ +  
 ⑦ Complete Car Set 1, max. axle load 2,2 t, total height: 700 - 1100 mm, Consists of: steel cover, Shaft extension BS 60 incl. Seal, spacer ring incl. Rubber Seal for the load separation



Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
FT 1500	RWEF1523	2,028.-	1,690.-
FT 3000	RWEF3023	2,508.-	2,090.-
FT 5000	RWEF5023	3,036.-	2,530.-
FT 7500	RWEF7523	3,432.-	2,860.-

## Scope of Delivery – System walk-on version

- ① Flat tank F-LINE (FT), p. 10 - 13  
 ② Pluggable filter basket, fitted on the inflow pipe in the tank  
 ③ Hand pump water dispenser including hybrid and tap, see description below left  
 ④ Submersible pressure pump BlueRain, integrated automatic start and stop (pressure controller), three-stage rotary pump with high output with low energy consumption, dry run protection, p. 26  
 ⑤ Shaft extension VS 20, height 25 cm, Ø 60 cm  
 ⑥ Tank cover TopCover (walk on version), made of PE, double-walled, with child security

Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
FT 1500	RWEF1513	1,770.-	1,475.-
FT 3000	RWEF3013	2,250.-	1,875.-
FT 5000	RWEF5013	2,778.-	2,315.-
FT 7500	RWEF7513	3,174.-	2,645.-



### Single part:

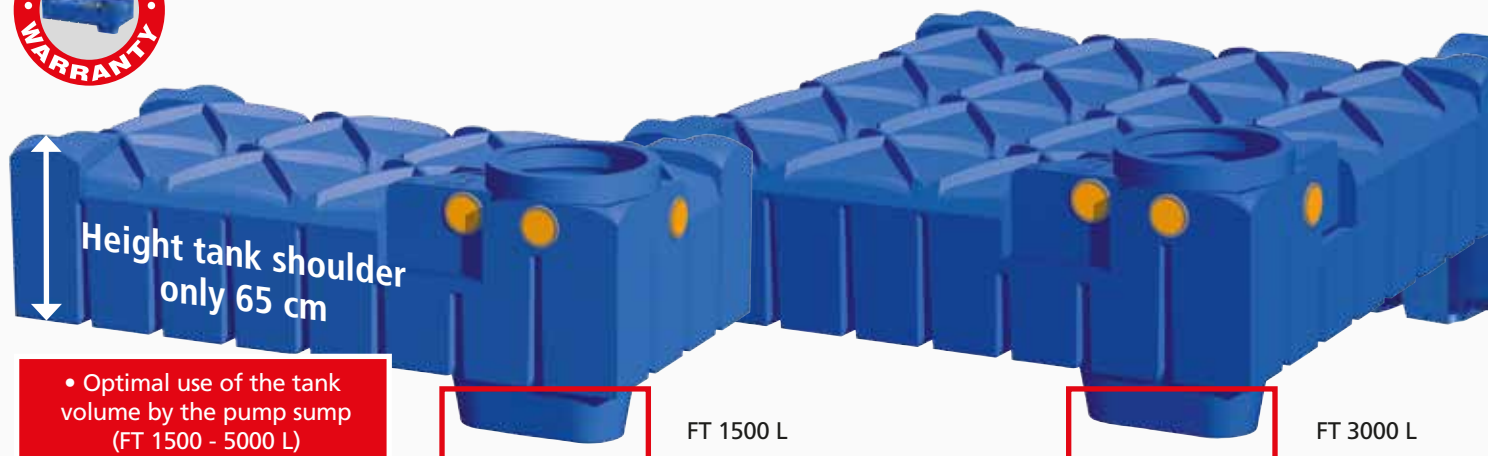
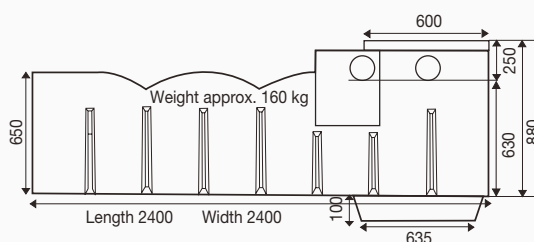
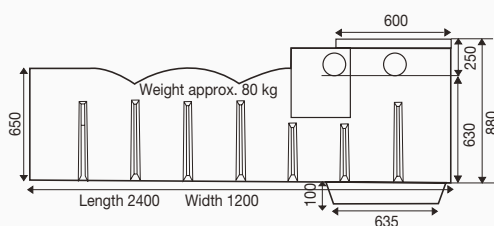
Order-No. RWZT0027    £ 180.- incl. VAT  
 £ 150.- excl. VAT

**Recommended accessories:** Level Indicator p. 27



## Garden project - quick, easy and low cost

- Easy and quick installation, low installation costs
- Small pit, little excavation, protects the garden
- Ideal for retrofit installations in existing gardens
- Optimal use of the tank volume by the pump sump
- Very stabile due to geometric, one-piece tank
- Can be installed in ground water to tank shoulder
- Vehicle bearing covers available
- 25 year warranty
- Made in Germany



- Optimal use of the tank volume by the pump sump (FT 1500 - 5000 L)

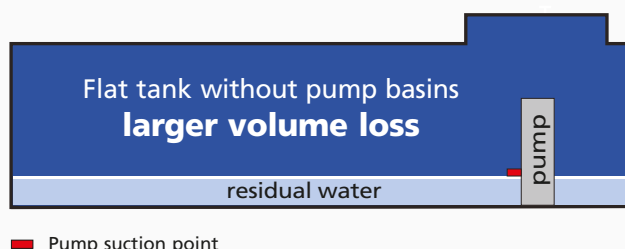
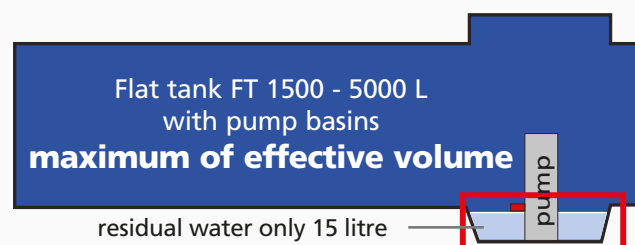


# Flat tank F-LINE

## Optimum utilisation of the tank volume

### Do not lose tank volume!

Only flat tanks with pump basins allow optimal utilisation of the tank volume (FT 1500 - 5000 litre).



**In the flat tank FT 1500 - 5000 litre, the residual water (water volume) is only 15 liters!**

The residual water is the water that remains in the tank and cannot be removed by the pump

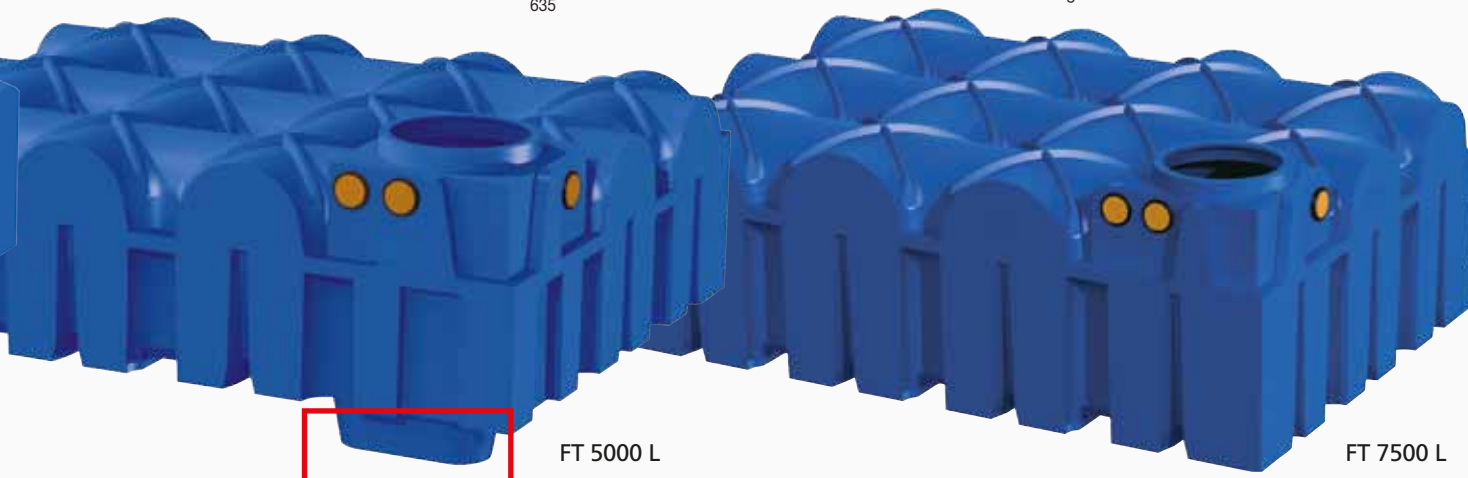
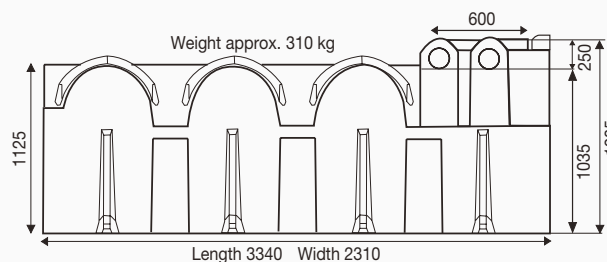
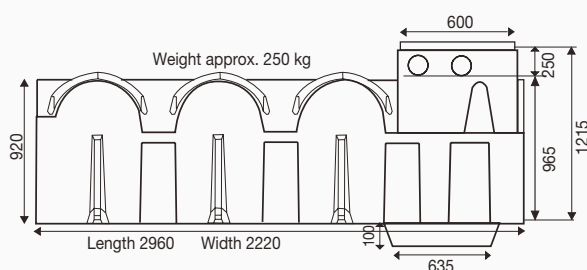
**The lower the residual water, the greater the effective volume!**

For all flat tanks without pump basin the residual water (water volume) is much higher, resulting in a much larger volume loss.

### Example of volume loss in flat tanks without pump basin

Flat tank without pump basins	Tank type 1500 L	Tank type 3000 L	Tank type 5000 L
volume loss per cm: total Volume ÷ tank height	$1500 \div 65 = 23 \text{ l per cm}$	$3000 \div 65 = 46 \text{ l per cm}$	$5000 \div 104 = 48 \text{ l per cm}$
residual water = <b>volume loss</b> (For a pump suction point <b>5 cm</b> from the bottom)	<b>230 litre</b>	<b>460 litre</b>	<b>480 litre</b>
residual water = <b>volume loss</b> (For a pump suction point <b>10 cm</b> from the bottom)	<b>345 litre</b>	<b>690 litre</b>	<b>720 litre</b>

The remaining water (water volume) also depends on the type of pump and possible setting of potable water





The installation depth is 60% shallower and the excavation is up to 70% less compared to conventional rain water tanks



Placing the flat tanks in the shallow and narrow pit.



After assembling the components simply backfill the pit.  
No work space required (DIN 4124).

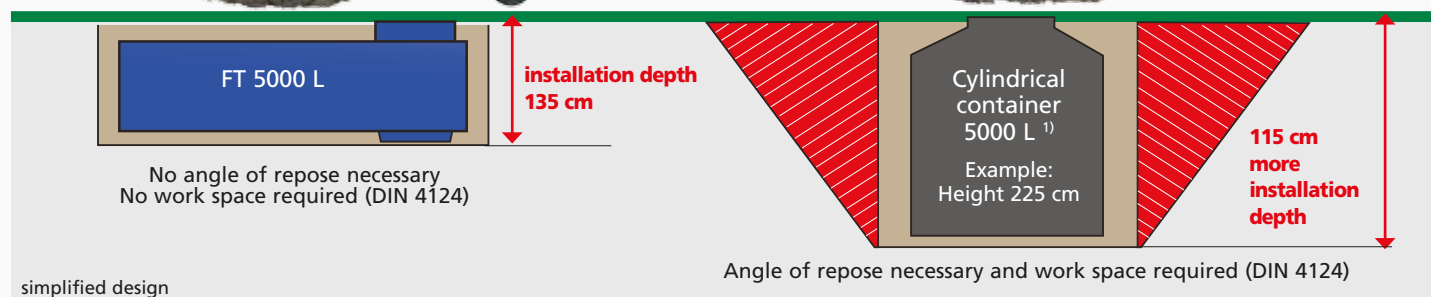
### Installation Comparison – garden system

The installation depth of our garden systems is only about 100 cm with the 1500 & 3000 litre flat tanks and only about 135 cm with the 5000 litre flat tank. Therefore, according to DIN 4124 very little work space is required. The advantages in the amount of excavated earth are obvious. For the 5000 litre flat tank only approximately 10,4 m<sup>3</sup> of excavated earth is removed, compared with a 5000 litre cylindrical container - 40 m<sup>3</sup>.

Tank type 5000 L	Flat tank FT 5000 L	Cylindrical container <sup>1)</sup>
installation depth	<b>ca. 135 cm</b>	ca. 235 cm
volume of the pit	<b>ca. 10,4 m<sup>3</sup></b>	ca. 40 m <sup>3</sup>

Note: Information is based on DIN 4124 for excavations

### 75% less excavation compared to a cylindrical container<sup>1)</sup>



1) Example of a stationary, cylindrical container with a height of 225 cm and an inner diameter of 200 cm. Pit size calculated according to DIN 4124: 50 cm lateral area width, 10 cm pit bottom, continuous slope angle of 62.5°. Slope angle can also be upgraded.



# Flat tank F-LINE

Simple and easy installation without heavy equipment



Sow new lawns or even faster - Lay turf – all done.



Place pump in the pump basin and connect. The tank volume is optimally utilised due to the pump sump. (FT 1500-5000 litre).



Connect the garden hose to the water supply, turn on and the water flows (Garden system page 6 - 9).

Flat tank F-LINE

## Technical Data

Tank type litre	Length	Width	Height Tank Shoulder	Height incl. Entrance shaft	Height pump basin	Weight	Inflow*	Outflow*
FT 1500	2400 mm	1200 mm	650 mm	880 mm	100 mm	80 kg	250 mm	305 mm
FT 3000	2400 mm	2400 mm	650 mm	880 mm	100 mm	160 kg	250 mm	305 mm
FT 5000	2960 mm	2220 mm	920 mm	1215 mm	100 mm	250 kg	250 mm	305 mm
FT 7500	3340 mm	2310 mm	1125 mm	1285 mm	No pump basin	310 kg	250 mm	300 mm
FT 10000 L <sup>1)</sup>	5920 mm	2220 mm	920 mm	1215 mm	No pump basin	500 kg	250 mm	305 mm
FT 15000 L <sup>1)</sup>	6680 mm	2310 mm	1125 mm	1285 mm	No pump basin	620 kg	250 mm	300 mm

<sup>1)</sup> Two-chamber-system, combination with either one or two extension(s) possible

\*top edge entrance shaft to pipe base

## Order-No. Flat tank F-LINE

Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
FT 1500	RWFT1500	882.-	735.-
FT 3000	RWFT3000	1,350.-	1,125.-
FT 5000	RWFT5000	1,878.-	1,565.-
FT 7500	RXFT7500	2,274.-	1,895.-
FT 10000	RWFT50X2	prices on request	prices on request
FT 15000	RWFT75X2	prices on request	prices on request

**NEW: F-LINE**  
**10.000 & 15.000 L**



Covers plus shaft extension to be ordered separately (page 16 - 17)

## Strong PE

All tanks are made of ecologically friendly PE (Polyethylene). With the rotational process, free of tension, unmatched robustness the highest stability is achieved. Because of their monolithic construction method (from one piece) all REWATEC tanks are 100% water tight. This gives you lasting protection against breaks or cracking and decades of secure investment.

## Quality Control

After production all REWATEC tanks pass an intensive quality control process. In addition there is a random sampling of the tanks under extreme loads to represent the real stresses in soil conditions. With our 25-year warranty, we guarantee the quality and longevity.

## Technical Data

Tank litre	Shaft height	Connections*	Inflow/Outflow**
BL 2600	260 mm	3 DN 100	410 / 560 mm
BL 4300	240 mm	3 DN 100	425 / 575 mm
BL 5200	270 mm	3 DN 100	425 / 575 mm
BL 7600	80 mm	3 DN 100	235 / 385 mm
BL 10000	80 mm	3 DN 100	235 / 385 mm

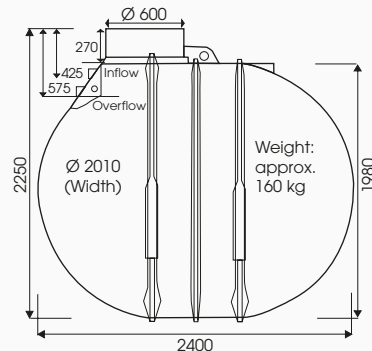
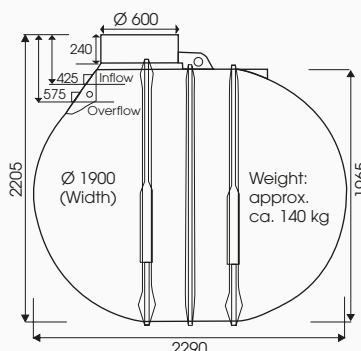
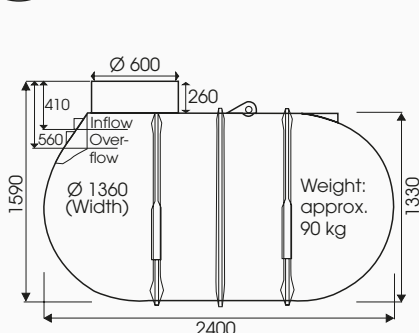
\*(DN 100 = 110 mm/4") \*\*top edge entrance shaft to pipe base

## Order-No..

Tank type litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
BL 2600	RWBL2600	978.-	815.-
BL 4300	RWBL4300	1,554.-	1,295.-
BL 5200	RWBL5200	1,674.-	1,395.-
BL 7600	RWBL7600	2,274.-	1,895.-
BL 10000	RWBL9900	3,054.-	2,545.-



Covers plus shaft extension if needed to be ordered separately (page 16 - 17)



BL 2600 L



BL 4300\*





# BlueLine II Tank

## Tank type 2600 – 10000 litre



### BlueLine II Advantages

- Tank type 2600 - 10000 litre
- Ecologically friendly polyethylene - 100 % recyclable
- Seamless, without joints or welding - 100% water tight
- Light weight, simple installation
- Simply to backfill with gravel and excavated earth
- Lorry drivable (load class SLW 30)
- Can be installed in ground water up to 1/3
- 25 years warranty
- Made in Germany

### Coupling Set for BlueLine II Tanks

2 x 2" screw connections

(DN 50 PE connection pipe)

Order-No. **RWZT0014** £ 99.- incl. VAT

£ 82.50 excl. VAT



A tidy, neat finish  
of the tank

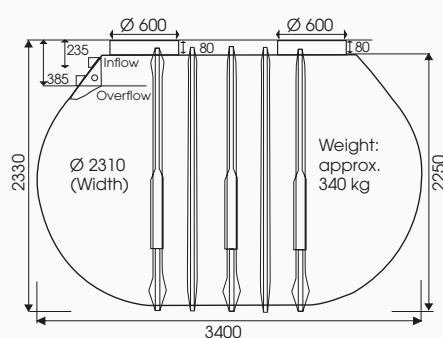
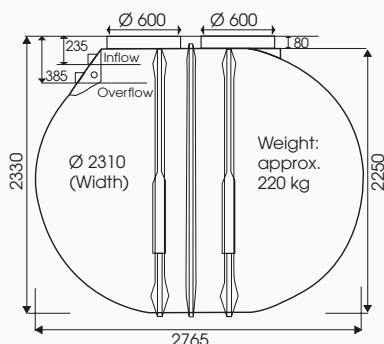


Better frost protection  
due to the dual walled  
tank cover!

### What can be seen above ground

The manhole frame with PE cover is all that can be seen after the installation of underground tank. With REWATEC the lid fits flush inside the rim of the shaft.

### BlueLine II large plants page 22 - 23



BL 5200 L

BL 7600 L

BL 10000 L

## Driveable versions

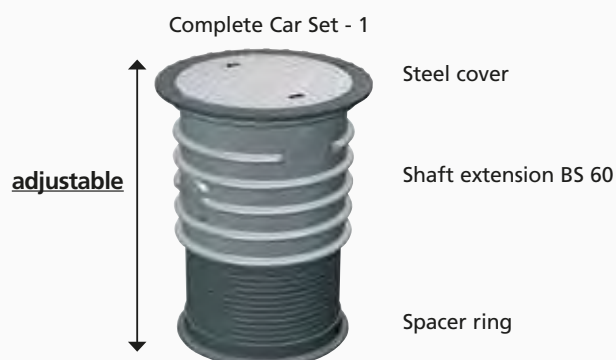
### Complete Car Set - 1

For all REWATEC tank 1500 – 10000 litre,  
max. axle load 2,2 t, Total height: 700 - 1100 mm

#### Consists of:

steel cover, Shaft extension BS 60 incl. Rubber Seal,  
spacer ring incl. Rubber Seal for the load separation

Order-No. **RWDS0049** £ 534.- incl. VAT £ 445.- excl.VAT



### Complete Car Set - 2

For all REWATEC tank 1500 – 10000 litre,  
max. axle load 2,2 t, Total height: 600 mm

#### Consists of:

steel cover, Shaft extension BS 60 incl. incl. Rubber Seal

Order-No. **RWDS0059** € 414.- incl. VAT £ 345.- excl.VAT



### Lorry Driveable (not for F-LINE tanks) (Load class SLW 30)

max. axle load 11,5 t,

#### Consists of:

Spacer ring  
incl. Rubber Seal, height 60 cm  
additional coverage class D on side

Order-No. **RWDS0043** £ 198.- incl. VAT

£ 165.- excl.VAT



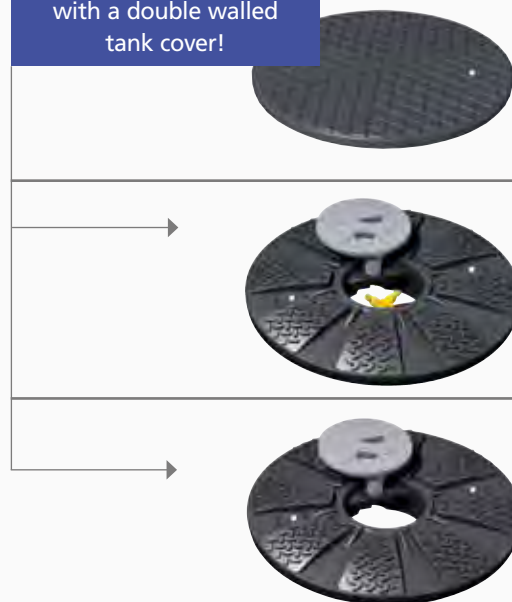
coverage on side



## Walk-on tank cover of your choice

Choose your desired walk-on version tank cover with  
suitable shaft extension VS 20 or VS 60.

Improved frost resistance  
with a double walled  
tank cover!



## Shaft Extension of your choice

including Rubber Seal



including Rupper Seal





## Walk-on tank cover of your choice

Stable PE thermal lid with child protection (equivalent to DIN1989). Loadable up to 150 kg. The double-walled cover has an insulating effect (better frost resistance). For all types of tanks 1500 - 10000 litre (DN 600 / 600 mm)

### TopCover

of robust PE, double-walled, DN 600 (600 mm)  
 Order-No. **RWDS0066** £ 94.80 incl. VAT £ 79.- excl.VAT

### Twin Cover (including distribution points)

For garden systems: In the PE tank cover a brass double water connection is integrated (click system), DN 600 (600 mm)  
 Order-No. **RWDS0067** £ 174.- incl. VAT £ 145.- excl.VAT

### Twin Cover (with internal cover / without water connection)

The tank cover has an internal cover, for an easy and quick access to the tank  
 Order-No. **RWDS0068** £ 114.- incl. VAT £ 95.- excl.VAT

The manhole frame with PE cover is all that can be seen after the installation of underground tank. With REWATEC the lid fits flush inside the rim of the shaft.



**A tidy, neat finish  
 of the tank**



brass double water  
 connection



## Shaft Extension of your choice

### Shaft Extension VS 20

Height 250 mm, Ø 600 mm, incl. Seal  
 Order-No. **RWDS0022** £ 114.- incl. VAT £ 95.- excl.VAT

### Shaft Extension VS 60

Height 635 mm, Ø 600 mm, incl. Seal  
 Order-No. **RWDS0062** £ 198.- incl. VAT £ 165.- excl.VAT

### Spacer Ring

The spacer ring can be fitted to achieve a greater depth. Height 600 mm, Ø 600 mm, including Rubber Seal, can be shortened by sawing  
 Order-No. **RWDS0043** £ 198.- incl. VAT £ 165.- excl.VAT

- PE shaft extensions suitably for all tanks
- Extends the entrance shaft for deeper installation of the tank
- For a deeper installation the shaft extension VS 20 or VS 60 (VS 20 and VS 60 are not stackable), can be connected to the spacer ring
- Drain gutters avoid the entering of surface water into the tank
- Sealed to prevent ground water seepage (not for pressurised water)
- Variable height adaptation by pushing over the entrance shaft (tank BlueLine II – 2600 and 5200 litres) or a simple sawing



The REWATEC shaft system shows a clearly improved fitting accuracy. The tank cover sits neatly and is twist protected on the shaft frame to prevent dirt entering. The Shaft frame with cover form 100% connection to the area.

### Professional Child Locks

All walk-on versions of tank covers are provided with two professional child locks. The special fastener (rotary mechanism from stainless steel) with two specially strong safety loops can be installed easily and quickly.

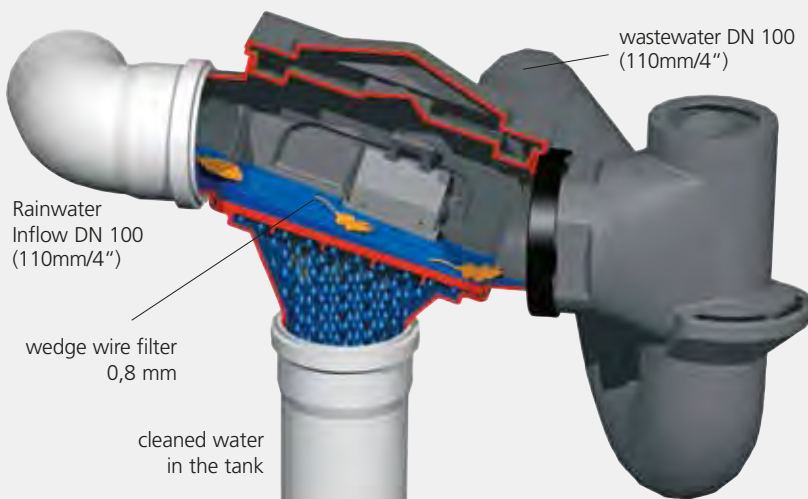


# Filter Tanks – BlueLine II & F-Line

Pre-assembled, ready for connection

## Fine Filter McClean

- Recommended for roof areas up to 200 m<sup>2</sup>
- High water yield (95%)
- Avoids blockages
- Very good self-cleaning by the filter with approximately 0.8 mm mesh
- Tank cleaning only every 10 - 15 years



## BlueLine II Filter Tank

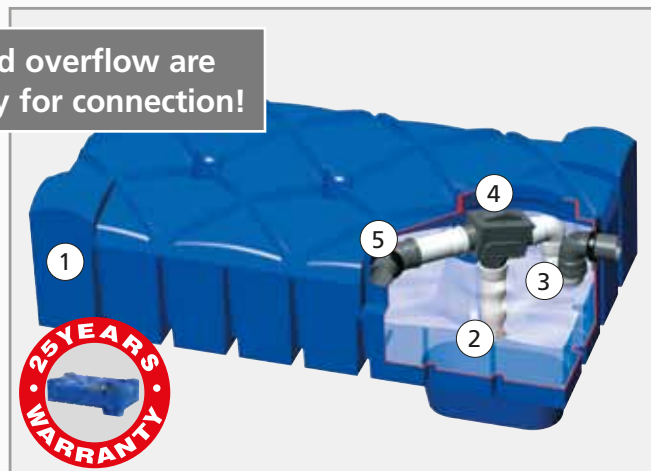
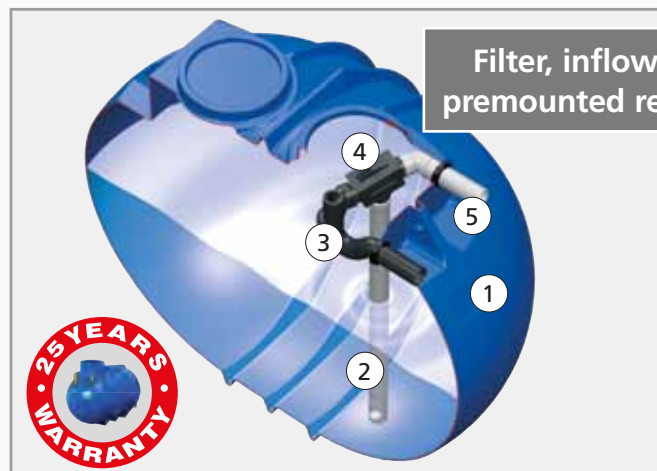
### Scope of delivery

- ① Tank BlueLine II
- ② Calmed inlet
- ③ Internal overflow siphon, DN 100 (110mm/4"), rodent proof
- ④ Integrated fine filter McClean
- ⑤ Inflow pipe

## F-Line Filter Tank

### Scope of delivery

- ① Flat tank F-LINE
- ② Calmed inlet
- ③ Internal overflow siphon, DN 100 (110mm/4"), rodent proof
- ④ Integrated fine filter McClean
- ⑤ Inflow pipe



### Order-No. BlueLine II Filter Tank (BLF)

Tank type (BLF) litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
BLF 2600	RWBL2601	1,218.-	1,015.-
BLF 4300	RWBL4301	1,794.-	1,495.-
BLF 5200	RWBL5201	1,914.-	1,595.-
BLF 7600	RWBL7601	2,514.-	2,095.-
BLF 10000	RWBL9901	3,294.-	2,745.-

Technical data BlueLine II Tank see page 14

### Order-No. F-LINE Filter Tank (FTF)

Tank type (FTF) litre	Order-No.	price / £ incl. VAT	price / £ excl. VAT
FTF 1500	RXFT1501	1,134.-	945.-
FTF 3000	RXFT3001	1,602.-	1,335.-
FTF 5000	RXFT5001	2,130.-	1,775.-
FTF 7500	RXFT7501	2,526.-	2,105.-

Technical data F-LINE Tank see page 13



Covers plus shaft extension if needed to be ordered separately (page 16 - 17)

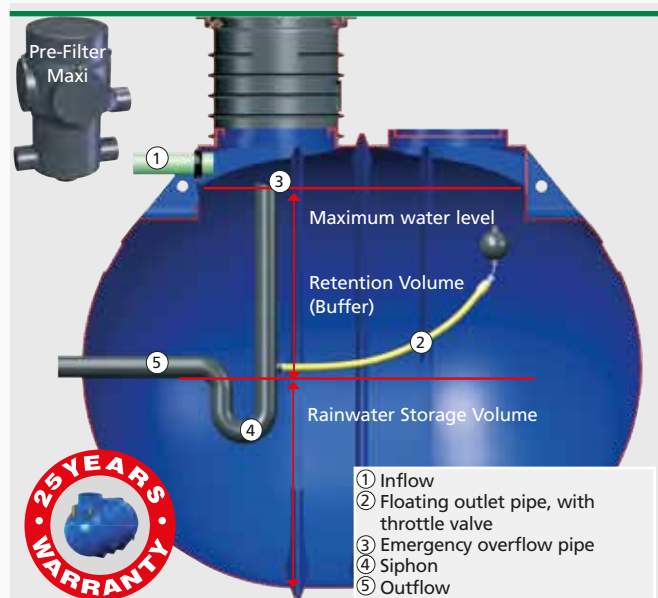


## Retention and Use of Rainwater

**Usage:** With increasing risks of flooding, many communities are looking for ways to control the rate of water discharged into the sewer network during periods of heavy rainfall. The Retention tank addresses this issue. This not only offers rainwater storage for reuse, but also a buffer volume which can be set at any level to control the release of water into the network. The Buffer Volume will empty over time leaving space for the next heavy downpour.

**Function:** The Tank has 2 sections. The lower portion is used as rainwater storage which is available for reuse in the garden or home. The upper portion is a buffer space. The floating throttle valve always stays at the same depth below the top of the water. Therefore water released from the buffer volume remains at a constant rate. The throttle valve can be pre-set at the desired flow rate and the position of the outlet pipe can be manufactured to the user's specification to allow more or less buffer space as needed.

### Example: Retention and Use of Rainwater – BlueLine II



Technical data BlueLine II Tank see page 14

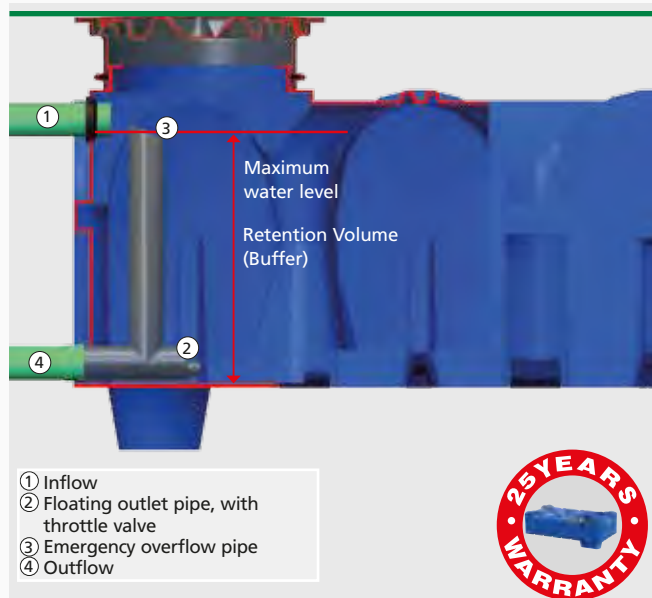
### Scope of Delivery

BLII tank, including throttle valve, Siphon complete with overflow, all ready for installation

### Order-No. Retentions-Tank BlueLine II

Tank type litre BlueLine (RT)	Order-No.	price / £ incl. VAT	price / £ excl. VAT
RT BlueLine 2600	RWBL2609	1,578.-	1,315.-
RT BlueLine 4300	RWBL4309	2,022.-	1,685.-
RT BlueLine 5200	RWBL5209	2,274.-	1,895.-
RT BlueLine 7600	RWBL7609	2,634.-	2,195.-
RT BlueLine 10000	RWBL9909	3,654.-	3,045.-

### Example: Retention and Use of Rainwater – F-LINE



Technical data F-LINE Tank see page 13

### Scope of Delivery

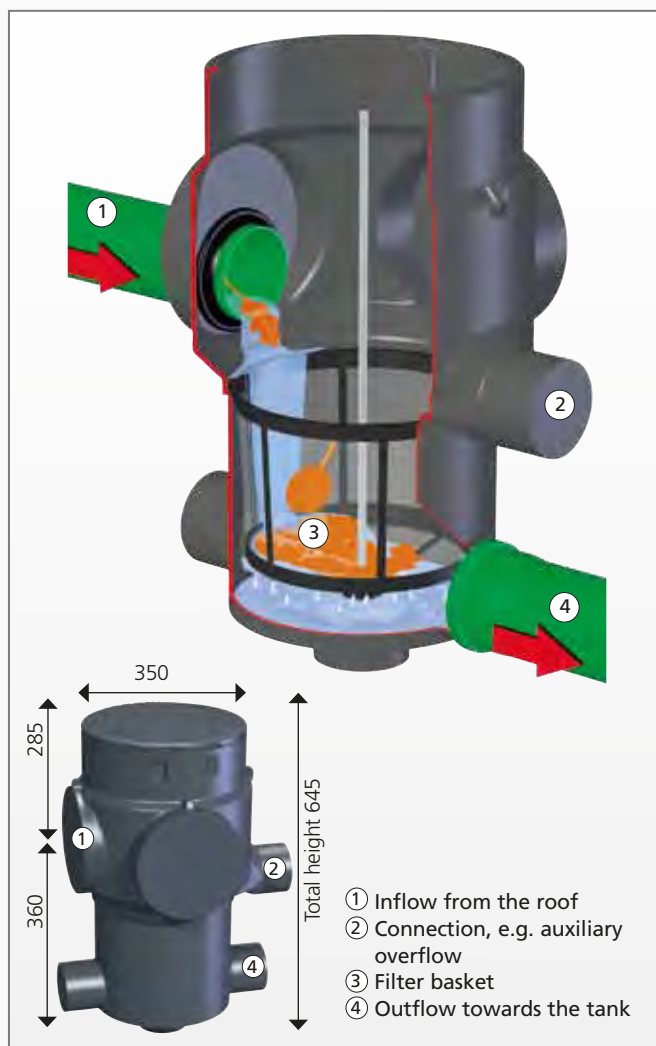
F-LINE tank, including throttle valve, complete with overflow, all ready for installation

### Order-No. Retentions-Tank F-LINE

Tank type litre F-LINE (RT)	Order-No.	price / £ incl. VAT	price / £ excl. VAT
RT F-LINE 3000	RWFT3009	1,950.-	1,625.-
RT F-LINE 5000	RWFT5009	2,478.-	2,065.-
RT F-LINE 7500	RWFT7509	2,874.-	2,395.-

**Recommended accessory for all retention tanks:** Maxi filter installed prior to of the tank inlet

**!** Covers plus shaft extension if needed to be ordered separately (page 16 - 17)



### Pre Filter MAXI

The filter basket prevents dirt particles from entering the rainwater to the tank. The result is clear and clean rainwater for the utilisation in house and garden. The filter basket is provided with a handy lift-out device.

- Recommended for roof areas up to max. 350 m<sup>2</sup>
  - 100 % water yield
  - Very suitable for garden, pond and drainage arrangements
  - Fine filtering, 0,9 mm mesh width, also suitable for house systems
  - Narrow construction - simple installation, small cover
  - Inflow and outflow DN 100 (110mm/4")
  - Housing and cover made of robust PE
  - Can be extended (see below extension pipe)
  - Optional driveable cover
  - Measurements: Ø 350 mm (above), height 645 mm
- Order-No. **RWZT2151** £ 214.80 incl. VAT £ 179.- excl. VAT



### Extension

- Pluggable shaft extension
- Can be shortened
- Measurements: Ø 350 mm, height 570 mm

Order-No. **RWZT2153**  
£ 90.- incl. VAT £ 75.- excl. VAT



### Volume Filter

- Recommended for roof areas up to max. 350 m<sup>2</sup>
- Incl. telescope extension (max. length 600 mm)
- Two-stage cleansing principle - very low maintenance
- Dirt is rinsed in the drains
- Water yield: 85 - 95 %
- Plastic filter cartridge with 0,65 mm mesh width
- Filter housing and cover made of robust polyethylene
- Measurements: Ø 369 mm, height 451 mm
- Height offset between inflow and outflow 300 mm
- Walk on version filter (driveable cover available)

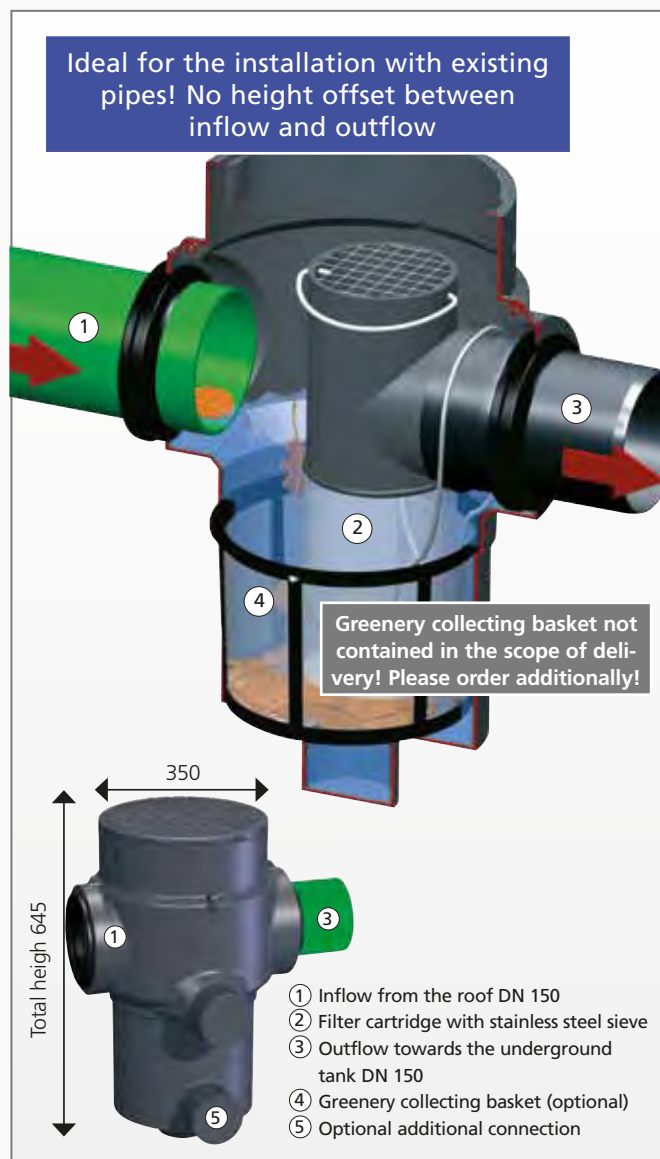
Order-No. **RWZT2161** £ 462.- incl. VAT £ 385.- excl. VAT





# Rainwater Filters

## Underground External Filter



### Pre Filter MAXI Plus

**Description:** An excellent filter with many advantages. Maxi Plus can be inserted into existing pipes very easily, because the inflow and the outflow are on one level. The cleaning occurs by a setting down and filtering process with 0,5 mm mesh width. The result is crystal clear and pure rainwater for the utilisation in house and garden.

- Recommended for roof areas up to max. 500 m<sup>2</sup>
- 100 % water yield
- No height offset between inflow and outflow
- Cleaning by a setting down and filtering process
- Filter cartridge 0,5 mm mesh width, also suitable for house systems
- Narrow construction - simple installation, small cover
- Filter cartridge can simply be taken out for cleaning
- Inflow and outflow DN 150 (150mm/6")
- Housing and cover made of robust PE (walk-on version)
- Can be extended (see extension)
- Optional driveable cover (additional coverage on side)
- Measurements: Ø 350 mm (above), height 645 mm

Order-No. RWZT2152 £ 394.80 incl. VAT £ 329.- excl. VAT

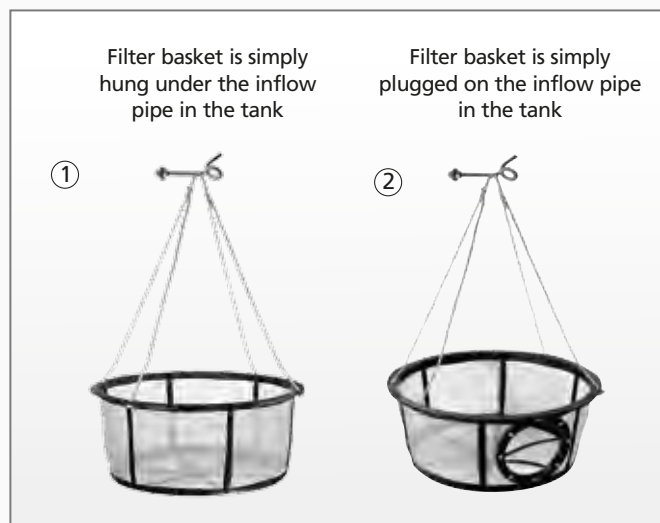
### Extension

- Pluggable shaft extension
  - Can be shortened
  - Measurements: Ø 350 mm, height 570 mm
- Order-No. RWZT2153 £ 90.- incl. VAT  
£ 75.- excl. VAT



### Basket

- Sieve basket incl. fixing ropes and hooks
  - Measurements: Ø 290 mm, height 220 mm
- Order-No. RWZT2101 £ 54.- incl. VAT  
£ 45.- excl. VAT



### Filter Basket (integrated in the tank)

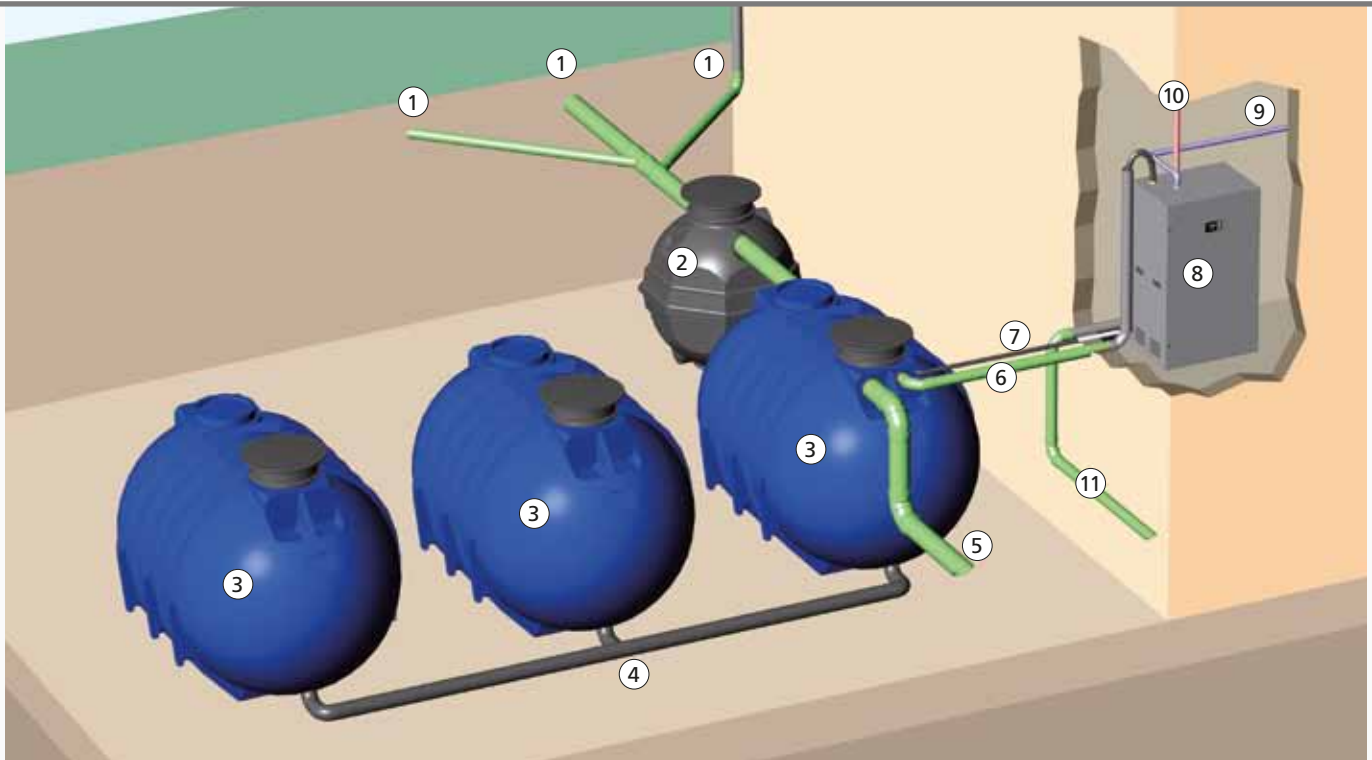
- Incl. fixing ropes and hook
- Well-priced and simple option for the filtering, ideal for retrofitting of existing tanks
- 100 % water yield, also suitable for ponds and drains
- Fine filtering (0.9-mm mesh width), therefore also suitable for house systems (regular maintenance necessary)
- Measurements: Ø 410 mm, height 160 mm

#### ① Filter basket

- Recommended for roof areas up to max. 350 m<sup>2</sup>
- Order-No. RWZT2154 £ 66.- incl. VAT £ 55.- excl. VAT

#### ② Filter basket pluggable (for Flat tank F-LINE)

- Recommended for roof areas up to max. 300 m<sup>2</sup>
- Order-No. RWZT2155 £ 82.80 incl. VAT £ 69.- excl. VAT



**Picture Example :** BlueLine II 30000 litre Installation (3 x BL II 10000 litres) plus Pre Filter Maximus

## Economical, efficient and environmentally friendly

The sharp rise in water charges has led to more and more businesses, schools, etc. using rainwater harvesting equipment. Often these businesses have a large rainfall catchment and a high water demand, the many benefits of rainwater harvesting are obvious and financially lucrative.

- ① Rainwater Inflow
- ② Filter Maximus
- ③ Underground tank BL II 10000 litre
- ④ Connecting pipes, e.g. PE pressure pipe
- ⑤ Overflow
- ⑥ Conduit for pump in the tank
- ⑦ Conduit
- ⑧ Central Control, Storage and double-pump system
- ⑨ Mains water feed line
- ⑩ Supply water (rain water)
- ⑪ Overflow pipe

## Applications

Rainwater can be used for many purposes where mains water quality is required:

- cleaning (interior and exterior cleaning, cleaning of Products and vehicles)
- Process water (eg cooling water, raw water)
- irrigation and humidification
- flushing toilets and washing machines

## Convincing arguments

- **Financial** - reduced fees and charges
- **Effective advantages** – protecting the Environment, ecologically advantageous
- **Ecological** - resource conservation by reducing the mains water supply and wastewater discharge
- **Technical** - for example, rain water is less hard, which is an advantage for process or cooling water



# Large Systems

e.g. public and commercial installation



**Installation with Underground BlueLine II Tanks :**  
Example : BlueLine II 80000 litre Installation (8 x BLII 10000 litre)



**Installation with flat tanks F-Line:**  
Example : FT 15000 litre Installation (2 x FT 7500 litre)

## Basic Components

### Filters for large systems (see page 24)

Our filters are based on the proven principle of a settling and sedimentation process and are provided in three sizes, up to 1500 m<sup>2</sup> to 3000 m<sup>2</sup> to 6000 m<sup>2</sup> collecting area.

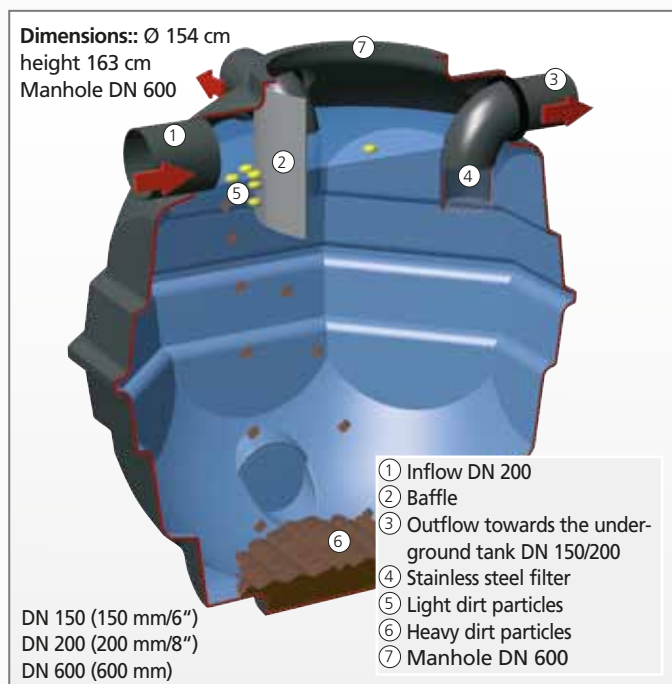
### Advantages

Our robust and environmentally friendly tanks Blue Line (Tank type to 10000 litre) and F-Line (up to 7500 litre) are ideal for storage up to any size. Several coupled together also offer advantages in transportation and installation over a single large tank.

### Systems Engineering

Pumps, control and mains water feed are combined in a compact module. The double pump station ensures high reliability with startup and connection of the second pump at peak demands. Mains water feed in accordance with DIN EN 1717. Maximum flow rate up to 14 m<sup>3</sup> / h

Many application examples from the service sector, the manufacturing and processing Industry, agriculture, schools, and authorities have already seen the success of a REWATEC system. Reliable systems are now inexpensive and ready for installation supplied by REWATEC. They require little space and require little maintenance.



### Rainwater Filters for large installations

- 100 % water yield
- No height offset between inflow and outflow
- Application area rainwater utilisation and drainage
- Cleaning by settling and sedimentation dip tube and hydraulic engineering
- Loading class SLW 30, cover and shaft extension order additionally depending on loading class (see page 16- 17)
- Soil coverage up to 1.5 m possible
- Maintenance friendly
- housing made of robust PE
- Drainage safety according to DIN EN 12056

#### Pre-Filter Maximus 1500

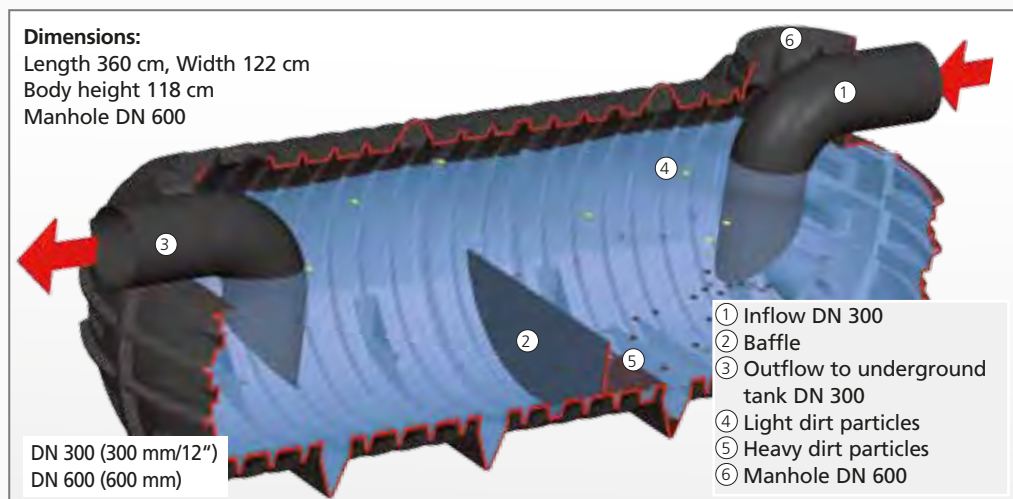
- For roof and terraces up to max. 1500 m<sup>2</sup>
- 1 x inflow DN 200, outflow 3 x DN 150 or 1 x DN 200
- 7 mm stainless steel filter provides additional protection on the immersed outlet pipe

**Version A:** 1 x inflow DN 200, 1 x overflow DN 200

Order-No. **RWZT2159** £ 1,182.- incl. VAT    £ 985.- excl. VAT

**Version B:** 1 x inflow DN 200, 3 x overflow DN 150

Order-No. **RWZT2158** £ 1,182.- incl. VAT    £ 985.- excl. VAT



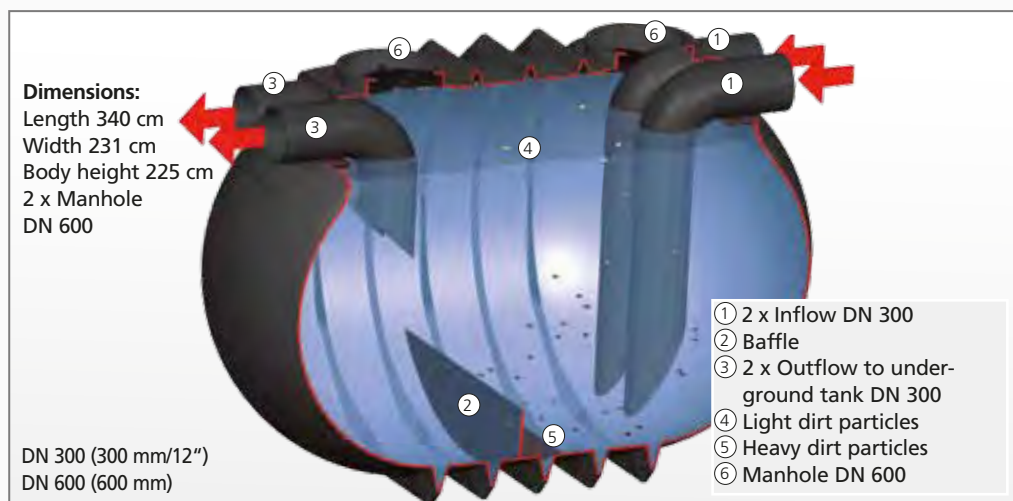
#### Pre-Filter Maximus 3000

- For roof and terraces up to max. 3,000 m<sup>2</sup>
- 1 x inlet DN 300, 1 x DN 300 outlet
- Long distances between inlet and outlet provide optimum settling and sedimentation

Order-No. **RWET3580**

£ 3,294.- incl. VAT

£ 2,745.- excl. VAT



#### Pre-Filter Maximus 6000

- For roof and terraces up to max. 6,000 m<sup>2</sup>
- 2 x DN 300 inlet, 2 x DN 300 outlet
- Long distances between inlet and outlet provide optimum settling and sedimentation including optimised vertical hydraulics due to the filter height

Order-No. **RWAK9980**

£ 5,850.- incl. VAT

£ 4,875.- excl. VAT

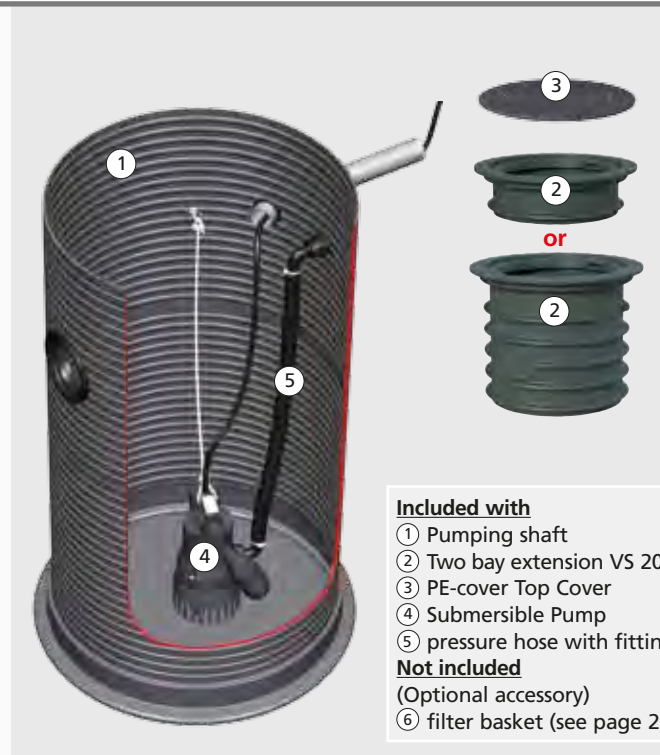
Other sizes and connections available on request



# Seepage pumping shaft

## For the surface infiltration

**NEW**

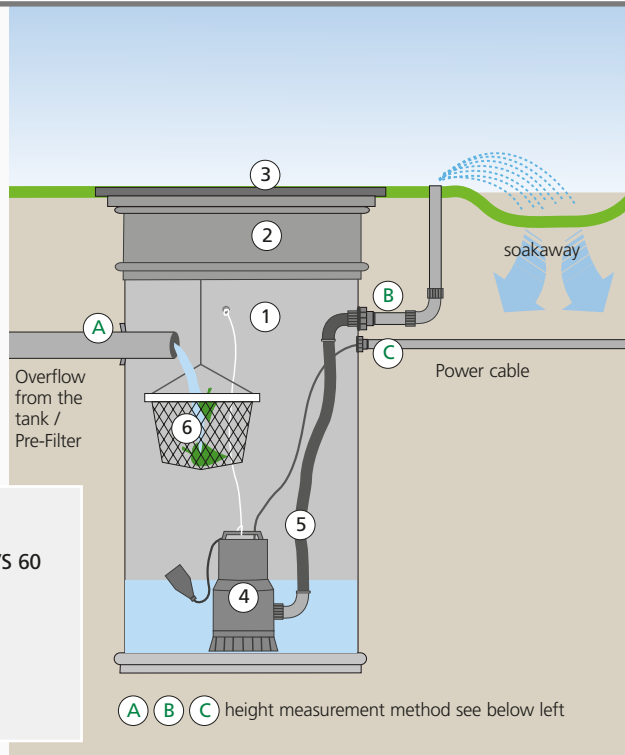


### Included with

- ① Pumping shaft
- ② Two bay extension VS 20 or VS 60
- ③ PE-cover Top Cover
- ④ Submersible Pump
- ⑤ pressure hose with fittings

### Not included

- (Optional accessory)
- ⑥ filter basket (see page 21)



Seepage pumping station

## Pumping station - the benefits

- Easy to install and pump water where ground conditions don't allow a traditional soakaway
- Flow through the living soil layers, thereby biological purification of water
- Low maintenance costs
- Corrosion-resistant, extremely durable submersible pressure pump, automatic control via float switch
- Simple and compact mounting due to low weight and ready to plug in pre-mounted pump

## Surface water infiltration

The pumping system is the solution to a rainwater underground tank that has excess water seeping to the surface. The overflowing water from the underground tank and ground water drainage is collected in the pump station, and from there pumped up to a soakaway. If the pumping station is empty, the pump switches off and waits until a certain fill level is reached again allowing enough time in which the water can seep away. Waterlogging is avoided, the soil remains biologically active.

## Supplied lifting equipment

- ① Pumping shaft
- ② Choice of extension VS 20 or VS 60
- ③ PE-cover TopCover (walk)
- ④ Jung submersible pump, pump-type oxylift, with float switch and lifting cord, max. Output 9 m<sup>3</sup> / h, max. lift height 4.8m, Capable of pumping clean water and waste water containing solids up to Ø 10 mm, with 20 m connection cable
- ⑤ Pressure hose 1" with fittings

## Order-No.

### Foot traffic:

With shaft extension VS 20: Order-No. RWHA0301  
£ 900.- incl. VAT £ 750.- excl. VAT

With shaft extension VS 60: Order-No. RWHA0302  
£ 978.- incl. VAT £ 815.- excl. VAT

**Vehicle loading::** With steel lid and lift well over BS 60  
Order-No. RWHA0303 £ 1,194.- incl. VAT £ 995.- excl. VAT

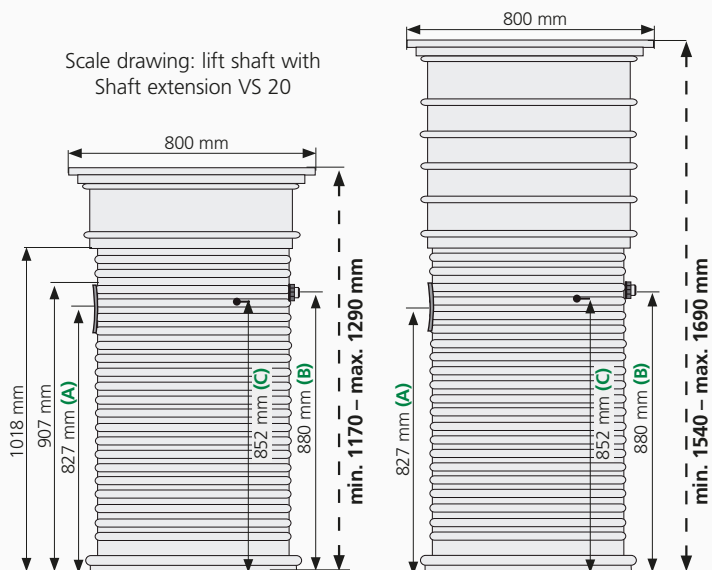
## Reference

We recommend using a filter basket, see page 21

### variable height adjustment

Scale drawing: lift shaft with  
Shaft extension VS 60

Scale drawing: lift shaft with  
Shaft extension VS 20





- Integrated control unit
- Less energy consumption

- Automatic on-off-control-unit
- Four-staged rotary pump with high efficiency: high output at a low energy consumption
- Dry run protection prevents damages with an empty tank

**Technical data:** Ø 150 mm, height 480 mm, Pressure socket 1" internal thread, max. pumping height 45 m, max. pumping capacity 5,7 m³/h, motor output 1200 W, Protection class IP 68

## Submersible Pump Diver 1200

(for house and garden systems)

**Description:** With the powerful submersible pressure pump diver even greater distances between tank and building can be achieved. The four-staged stainless steel pump is mounted directly in the tank.

**Scope of delivery:** Four-staged rotary pump with integrated pressure controller, Suction filter 0,5 mm mesh width with backflow prevention, 15 m connection cable and shockproof plug, Withdrawal rope

Order-No. **RWZT9012** £ 598,80 incl. VAT £ 499.- excl. VAT

**Connection Pipe – for house system Diver pump (not shown)**

**Scope of Delivery:** 25 m x 25 mm MDPE pressure pipe, green/black (Fittings to be supplied by installer)

Order-No. **RWEZ0001** £ 45.- incl. VAT £ 37.50 excl. VAT



- Higher pumping capacity
- Less energy consumption

**Technical data:** Measurements: Ø 150 mm, height 480 mm, pressure socket 1" internal thread, max. pumping height 36 m, max. pumping capacity 5,7 m³/h motor output 900 W, protection class IP 68

## Submersible pressure pump BlueRain

(for garden systems)

**Description:** Automatic on-off-control-unit. Three-staged rotary pump with high efficiency: high output at a low energy consumption. Dry run protection prevents damages with an empty tank.

**Scope of delivery:** Three-staged rotary pump with integrated pressure controller, 15 m connection cable and shockproof plug, Withdrawal rope

Order-No. **RWZT9010** £ 354.- incl. VAT £ 295.- excl. VAT



## Automatic Mains Water Top-Up Aqua-Flow 2.13

**Description:** Automatic Mains water top up. Complete kit with pre assembled air gap according to EN1717 & BS8515. Timed sensor only tops up a small amount of water into the tank which is more efficient than standard float switch models.

**Scope of delivery:** Mains top up control box with built in Tundish and 1" airgap. Including mains water inlet, outlet to tank and emergency overflow. Comes with 10m tank sensor and 12v mains plug with 1m cable. Fully WRAS approved.

**With 10 m sensor cable:**

Order-No. **RWEZ9005** £ 234.- incl. VAT £ 195.- excl. VAT



## Header Tank

**Description:** The Raindirector Header Tank offers the user the added safety that toilets will still flush in the event of power failure. Its manual override provides comfort in the knowledge that the system can be bypassed at any time. The header tank has an auto flush system to keep water fresh and the intelligent controls only make the pump run when the Headertank is empty, reducing the amount of times the pump runs.

Order-No. **RWZT7090** £ 718.80 incl. VAT £ 599.- excl. VAT



## Electronic Level Indicator

- Easy to measure the level in the tank by pressing the red button
- Display level up to 2.5 m, no calibration necessary
- Level in cm, tolerance: + / - 1 cm, measuring principle: a hydrostatic pressure
- Appliance dimensions: 100 mm x 60 mm x 25 mm, unit 9 V alkaline battery
- Easy installation of instrumentation cables in conduit

### Scope of Delivery:

20 m measurement cable Ø 4 mm, 3 m silicone tubing with weight to fix the tank, wall mountable

Order-No. **RWZT0010** £ 289.20 incl. VAT £ 241.- excl. VAT



## Overflow Siphon with Rodent Protection

- suction effect by beveled edge overflow, floating particles are removed
- Stops odours when connected to a soakaway or mains sewer
- Extra deep design protects against evaporation
- Special grid made of stainless steel protects the tank from rodents
- Made of environmentally friendly polyethylene, DN 100 (110 mm/4")

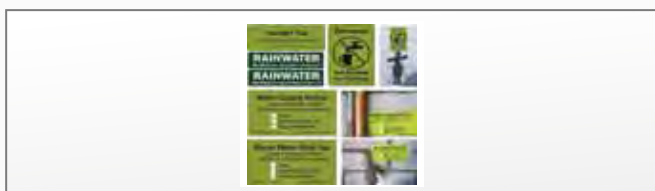
Order-No. **RWZT0004** £ 96.- incl. VAT £ 80.- excl. VAT



## Calmed Inlet

- Special calmed inlet made of PE prevents turbulence of deposited particles
- The flow-induced structure deflects the water and adds oxygen, stored water remains clean and clear
- For upgrading and adding to existing storage tanks

Order-No. **RWZT0003** £ 69.- incl. VAT £ 57.50 excl. VAT



## Security Package

labels according to BS8515 to mark pipes and outlets

Order-No. **RWEZ0002** £ 39.- incl. VAT £ 32.50 excl. VAT



## Coupling set (for tanks Blue Line II and F-LINE)

2 x 2" screw connections (DN 50 PE pipe connection)

Order-No. **RWZT0014** £ 99.- incl. VAT £ 82.50 excl. VAT



## Rubber Gasket (for pipework into tank)

DN 100 (110 mm/4"):

Order-No. **RWZT0019** £ 25.20 incl. VAT £ 21.- excl. VAT

DN 150 (150 mm/6"):

Order-No. **RWZT0020** £ 39.- incl. VAT £ 32.50 excl. VAT

DN 200 (200 mm/8"):

Order-No. **RWZT0021** £ 45.- incl. VAT £ 37.50 excl. VAT



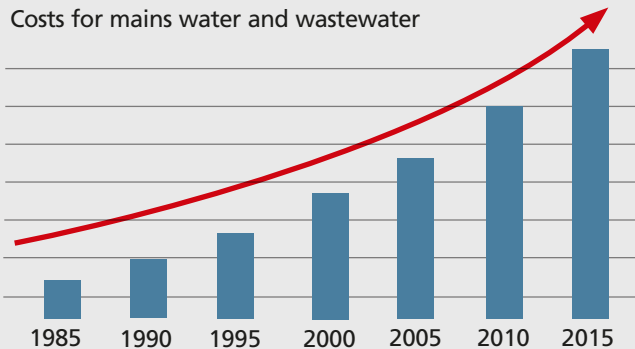
# Water - our most valuable resource

What you should know



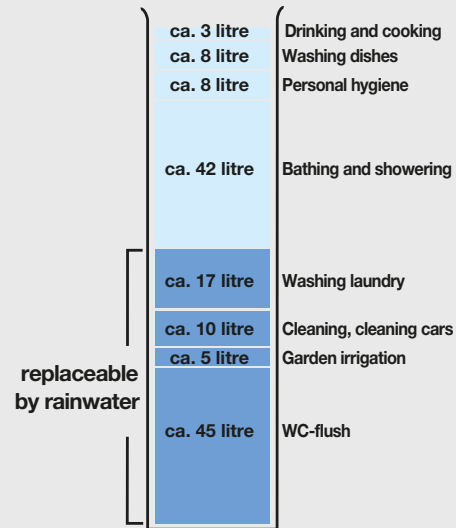
## Cost increases & save up to 50%

Costs for mains water and wastewater



The cost for mains water has increased significantly more than other energy costs. This is likely to continue in the future. To provide clean mains water takes significant energy and with this, higher costs. So what makes more sense than a worthwhile single-investment using rainwater for up to half of your future water needs.

## Save up to 50 % mains water



Each of us uses on an average 138 litres of water day per day. This is more than 200,000 litres per year for a 4 person household. Halve your mains water consumption by using rainwater.

## Good reasons to use rainwater

- You save money by using less mains water
- You become more independent from the water suppliers and price increases
- Soft rainwater with little lime is especially good for your plants
- You contribute actively to the environment protection and conserve our valuable mains water stocks
- You avoid costs of the unused rainwater being sent to the mains network
- The drainage is relieved because the rainwater is collected at source for re-use and is not sent directly to the mains, this can help reduce local flooding



Made in Germany



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**Warranty:** The correct installation of the underground tanks according to installation instructions is a basis for decades of life span of your storage tank and 25-year work warranty. This warranty refers exclusively to the underground tank and not on individual parts and accessories, even if these are included in the package price. For all measurements and tables of contents we reserve ourselves a tolerance of +/-3%. In the case of a defect approved by us we accomplish material compensation free of charge – benefits beyond this are excluded. Excluded by all warranties are the damages which are caused by improper use, defective assembly or servicing.

**Cargo:** Freight – terms of delivery quoted by our local partners.

**Prices:** Prices are ex works, valid till 31.12.2013. Technical changes and mistakes reserved. © REWATEC GmbH