

# Grauwasser Recycling System, 250 l/d



## Greywater Recycling System, 250 l/d

### GW-FB 250

Technisches Datenblatt / technical data

Kapazität		capacity
Gesamtvolumen Stufe 1	350 l	total volume stage 1
Gesamtvolumen Stufe 2	350 l	total volume stage 2
Tagesfiltrationsleistung	<b>250 l</b>	daily filtration capacity
DEA, empfohlen Doppelpumpenanlage	nicht im Lieferumfang / not included in delivery	twin pump station recommended

Anschlüsse		connections
Trinkwasser-Nachspeisung	optional	potable water back-up
Betriebswasser	optional	service water
Zulauf in die Anlage	DN 110	input to unit
Überlauf in Kanalisation	DN 110	overflow to sewage

Aufstellraum muss ausreichend belüftet und mit Bodenablauf versehen sein.

Working room needs to be airventilated, floor drain necessary.

Steuerung		control unit
Zeitintervalle für Belegung, Filtration vorprogrammiert*		time intervals for aeration, filtration pre-programmed*
Abmessungen (B x H x T)	400 x 500 x 200 mm	measurements (W x H x D)

\* Anpassung bedarfsseitig möglich

\* possible adjustment according demand

Trinkwasser-Nachspeisung		mains water back-up
Magnetablaufventil (optional, größer möglich)	DN 13	solenoid valve (optional, bigger sizes available)

Netzanschluss		electric main supply
Spannung	230 V / 50 Hz	voltage
Absicherung	bauseitig / by customer	fuse

Gewicht, Maße, Farbe		weight, measurements, colour
Leergewicht, Anlage	110 kg	weight empty
max. Gesamtgewicht im Betrieb	960 kg	unit working (max. weight)
Tank Belegung / Festbett	Ø 550 mm; H 1.650 mm	aeration / fixed bed
Farbe	schwarz / black	colour
Volumen	1x 350 l	volume
Tank Klarwasser	Ø 550 mm; H 1.650 mm	service water tank
Farbe	schwarz / black	colour
Volumen	1x 350 l	volume
Trinkwasser-Nachspeisung	optional	mains water back-up
Betriebswasseranschluss	optional	service water connection

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GreenLife

## Greywater Recycling System, 250 l/d

### GW-FB 250

The *GreenLife greywater-recycling-system GW-FB 250* has a daily greywater treatment capacity of up to **250** liters.

The *greywater-recycling-systems of GreenLife* are configured for the treatment of greywater, i.e. low polluted waste water from personal hygiene (shower, bath tub, hand washbasin).

The clearwater is free from solids and disinfected by UV-light.

The total recycling process is composed of the sedimentation, biological treatment, fixed bed reactor, UV-disinfection and will be stored after it in the clearwater tank.

#### **results:**

The result is clear germ free service water (non-potable) available for reuse in WC's, cleaning purposes, garden irrigation and/or industrial applications!

#### **consisting of:**

- 1 sedimentation / pre-filtration tank** incl.:  
greywater inflow, overflow to the sewage, pre-filtration unit
- 2 aeration / fixed bed tank** incl.:  
greywater inflow, -outlet into treatment incl. dip pipe, discharge valve  
aeration plate / pipe, fixed bed reactor
- 3 UV-disinfection** incl.:  
control unit
- 4 service water tank** incl.:  
filtrate access, connection drinking water feed unit (optional), connection twin pump station (optional)

