

Grauwasser Recycling System, 1.000 l/d



Greywater Recycling System, 1.000 l/d

GW-FB 1.000

Technisches Datenblatt / technical data

Kapazität		capacity	
Gesamtvolumen Stufe 1	1.000 l	total volume stage 1	
Gesamtvolumen Stufe 2	2.000 l	total volume stage 2	
Gesamtvolumen Stufe 3	1.000 l	total volume stage 3	
Tagesfiltrationsleistung	1.000 l	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 100	input to unit	
Überlauf in Kanalisation	DN 100	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)	800 x 1.000 x 300 mm	measurements (W x H x D)	

* Anpassung bedarfsseitig möglich

* possible adjustment according demand

Trinkwasser-Nachspeisung		mains water back-up	
Magnetablaufventil (optional, größer möglich)	optional	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	495 kg	weight empty	
max. Gesamtgewicht im Betrieb	4.495 kg	unit working (max. weight)	
Tank Sedimentation	Ø 650 mm; H 1.650 mm	sedimentation / pre-filtration	
Farbe	schwarz / black	colour	
Volumen	2x 500 l	volume	
Tank Belegung / Festbett	L 1.240; B/W 720; 1.600 mm	aeration / fixed bed	
Farbe	schwarz / black	colour	
Volumen	2x 1.000 l	volume	
Tank Servicewasser	L 1.240; B/W 720; 1.600 mm	service water tank	
Farbe	schwarz / black	colour	
Volumen	1x 1.000 l	volume	
Trinkwasser-Nachspeisung	optional	mains water back-up	
Betriebswasseranschluss	optional	service water connection	

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GreenLife

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The **GreenLife greywater-recycling-system GW-FB 1.000** has a daily greywater treatment capacity of up to **1000** 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)

