Grauwasser Recycling System, 8.000 l/d

Greywater Recycling System, 8.000 l/d

GW-FB 8.000

Technisches Datenblatt / technical data

Kapazität		capacity
Gesamtvolumen Stufe 1	4.000 l	total volume stage 1
Gesamtvolumen Stufe 2	8.000 l	total volume stage 2
Gesamtvolumen Stufe 3	8.000 l	total volume stage 3
Gesamtvolumen Stufe 4	4.000 l	total volume stage 4
Tagesfiltrationsleistung	**8.000 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 110 / 160	input to unit
Überlauf in Kanalisation	DN 110 / 160	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 Belebung, Filtration vorprogrammiert*		time intervalse for aeration, filtration pre-programmed*
Abmessungen (B x H x T)	1000 x 760 x 300 mm	measurements (W x H x D)

* Anpassung bedarfsseitig möglich

* possible adjustment according demand

Trinkwassernachspeisung		main water supply
Magnetablaufventil 1" (optional, größer möglich)		soleniod valve 1" (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	2.000 kg	weight empty
max. Gesamtgewicht im Betrieb	26.000 kg	unit working (max. weight)
Tank Sedimentation	L 2.430; B/W 1.000; 1.970 mm	sedimentation / pre-filtration
Farbe	schwarz / black	colour
Volumen	1x 4.000 l	volume
Tank Belebung	L 2.430; B/W 1.000; 1.970 mm	aeration
Farbe	schwarz / black	colour
Volumen	2x 4.000 l	volume
Tank Festbett	L 2.430; B/W 1.000; 1.970 mm	fixed bed
Farbe	schwarz / black	colour
Volumen	2x 4.000 l	volume
Tank Klarwasser	L 2.430; B/W 1.000; 1.970 mm	service water tank
Farbe	schwarz / black	colour
Volumen	1x 4.000 l	volume
Trinkwassernachspeisung	optional	drinking water feed
Betriebswasseranschluss	optional	service water connection

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The ***GreenLife greywater-recycling-system GW-FB 8.000*** has a daily greywater treatment capacity of up to ***8.000*** 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 tank*** incl.:
greywater inflow, -outlet into treatment incl. dip pipe, discharge valve
aeration plate / pipe

3 ***fixed bed tank*** incl.:
greywater inflow, discharge valve
aeration plate / pipe, fixed bed reactor

4 ***UV-disinfection*** incl.:
control unit

5 ***service water tank*** incl.:
filtrate access, connection drinking water feed unit (optional), connection twin pump station (optional)