Grauwasser Recycling System, 6.000 l/d

Greywater Recycling System, 6.000 l/d

GWI 6.2-6.000, indoor

Technisches Datenblatt / technical data

Kapazität		capacity
Gesamtvolumen Stufe 1	4.000 l	total volume stage 1
Gesamtvolumen Stufe 2	4.000 l	total volume stage 2
Gesamtvolumen Stufe 3	2.000 l	total volume stage 3
Gesamtvolumen Stufe 4	2.000 l	total volume stage 4
Tagesfiltrationsleistung	**6.000 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	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 air-ventilated, floor drain necessary.

Steuerung		control unit
Zeitintervalle für Belebung, Filtration vorprogrammiert*	***inklusive Fernsteuerung / including remote control***	time intervalse for aeration, filtration pre-programmed*
Abmessungen (B x H x T)	800 x 1.550 x 350 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	1.195 kg	weight empty
max. Gesamtgewicht im Betrieb	13.195 kg	unit working (max. weight)
Tank Sedimentation	L 2.430, B/W 985, H 1.975 mm	sedimentation tank
Farbe	lichtgrau / light grey	colour
Volumen	1x 4.000 l	volume
Zulauf Grauwasser	1.750 mm	greywater inflow
Überlauf Grauwasser	1.750 mm	greywater overflow
Tank Belebung Grauwasser	L 2.430, B/W 985, H 1.975 mm	aeration tank greywater
Farbe	lichtgrau / light grey	colour
Volumen	1x 4.000 l	volume
Tank Filtration	L 1.240, B/W 720, H 1.550 mm	filtration tank
Farbe	lichtgrau / light grey	colour
Volumen	2x 1.000 l	volume
Tank Klarwasser	L 1.240, B/W 720, H 1.550 mm	clearwater tank
Farbe	lichtgrau / light grey	colour
Volumen	2x 1.000 l	volume
Trinkwassernachspeisung	optional	drinking water feed
Betriebswasseranschluss	optional	service water connection

www.greenlife.de

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The ***GreenLife greywater-recycling-system GWI 6.2-6.000*** has a daily greywater filtration capacity of up to 6.000 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 applied BioMembranefilter-technology assures the complete separation of the biomass from the cleaned greywater. The clearwater is free from solids and a complete blocking of bacteria and germs, with a blocking rate of 99,9999%, guaranteed. The total recycling process is composed of the biological treatment, the ultrafiltration (MBR-Membrane bio-reactor) and will be stored after it in the clearwater tank.
The result is clear germ free service water (non-potable) available for reuse in WC's, cleaning purposes, garden irrigation and/or industrial applications!

results:

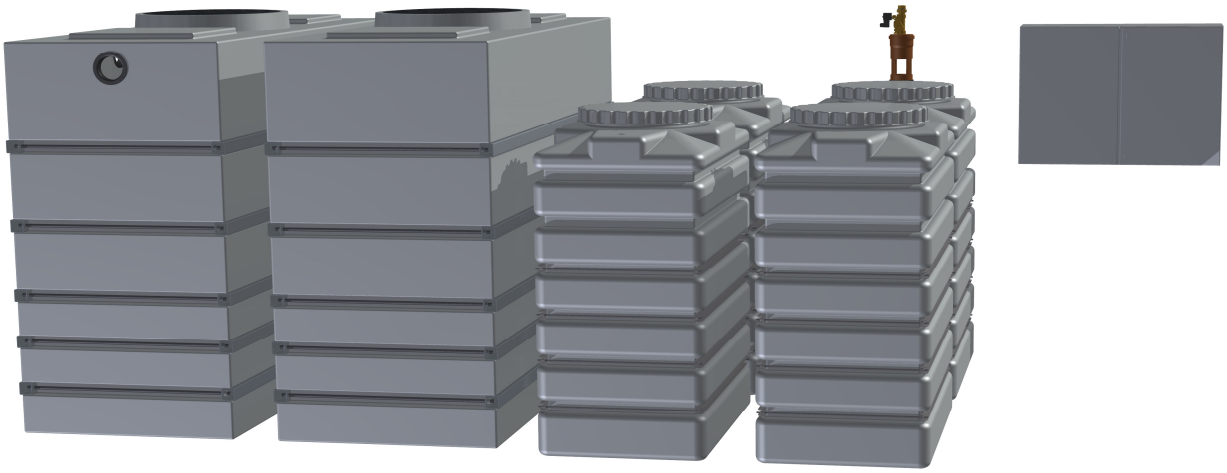
The quality of the service water (non-potable) fulfills the requirements of the European (EU) guidelines for bathing water 76/160/EEC and 2006/7/EC and DIN 19650, class 2.

consisting of:

1 ***sedimentation / separation tank*** incl.:
greywater inflow, -outlet into aeration incl. dip pipe, overflow to the sewage, discharge valve

2 ***aeration tanks greywater*** incl.:
inflow, aeration, air lifter into filtration tank, discharge, floating switch, pre-assembled

3 ***filtration tank*** incl.:
greywater inflow, membrane filter and filtrate box, filtrate pump, negative buoyancy, cable and hose bushings,

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

5 ***control unit*** incl.:
stainless steel bracket, aeration pump, Siemens-logic module, cable and connecting plug (completely programmed and pre-assembled),