

Grauwasser Recycling System, 25.000 l/d

Greywater Recycling System, 25.000 l/d

GWI 25.2-25.000, indoor



Technisches Datenblatt / technical data

Kapazität		capacity
Gesamtvolumen Stufe 1	4.000 l	total volume stage 1
Gesamtvolumen Stufe 2	16.000 l	total volume stage 2
Gesamtvolumen Stufe 3	8.000 l	total volume stage 3
Gesamtvolumen Stufe 4	8.000 l	total volume stage 4
Tagesfiltrationsleistung	25.000 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 160	input to unit
Überlauf in Kanalisation	DN 160	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	
Abmessungen (B x H x T)	time intervalse for aeration, filtration pre-programmed* measurements (W x H x D)	
* Anpassung bedarfsseitig möglich		
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	
Absicherung	bauseitig / by customer	
Gewicht, Maße, Farbe		weight, measurements, colour
Leergewicht, Anlage	3.485 kg	
max. Gesamtgewicht im Betrieb	39.485 kg	
Tank Sedimentation	L 2.430, B/W 985, H 1.975 mm	
Farbe	lichtgrau / light grey	
Volumen	1x 4.000 l	
Zulauf Grauwasser	1.750 mm	
Überlauf Grauwasser	1.750 mm	
Tank Belebung Grauwasser	L 2.430, B/W 985, H 1.975 mm	
Farbe	lichtgrau / light grey	
Volumen	4x 4.000 l	
Tank Filtration	L 2.430, B/W 985, H 1.975 mm	
Farbe	lichtgrau / light grey	
Volumen	2x 4.000 l	
Tank Klarwasser	L 2.430, B/W 985, H 1.975 mm	
Farbe	lichtgrau / light grey	
Volumen	2x 4.000 l	
Trinkwassernachspeisung	optional	
Betriebswasseranschluss	optional	

www.greenlife.de

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The **GreenLife greywater-recycling-system GWI 25.2-25.000** has a daily greywater filtration capacity of up to 25.000 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),

