

# Grauwasser Recycling System, 2.000 l/d

## Greywater Recycling System, 2.000 l/d

GWI 2.3-2.000, indoor



Technisches Datenblatt / technical data

Kapazität		capacity
Gesamtvolumen Stufe 1		500 l
Gesamtvolumen Stufe 2		2.000 l
Gesamtvolumen Stufe 3		1.000 l
Gesamtvolumen Stufe 4		1.000 l
<b>Tagesfiltrationsleistung</b>		<b>2.000 l</b>
DEA, empfohlen Doppelpumpenanlage		nicht im Lieferumfang / not included in delivery
Anschlüsse		connections
Trinkwasser-Nachspeisung		potable water back-up
Betriebswasser		service water
Zulauf in die Anlage		input to unit
Überlauf in Kanalisation		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)		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		voltage
Absicherung		fuse
Gewicht, Maße, Farbe		weight, measurements, colour
Leergewicht, Anlage		475 kg
max. Gesamtgewicht im Betrieb		4.975 kg
Tank Sedimentation		Ø 640 mm, H 1.670 mm
Farbe		lichtgrau / light grey
Volumen		1 x 500 l
Zulauf Grauwasser		1.440 mm
Zulauf Belebung		1.350 mm
Überlauf Grauwasser		1.440 mm
Tank Belebung Grauwasser		L 1240, B/W 720, H 1550 mm
Farbe		lichtgrau / light grey
Volumen		2 x 1.000 l
Tank Filtration		L 1240, B/W 720, H 1550 mm
Farbe		lichtgrau / light grey
Volumen		1 x 1.000 l
Tank Klarwasser		L 1240, B/W 720, H 1550 mm
Farbe		lichtgrau / light grey
Volumen		1 x 1.000 l
Trinkwassernachspeisung		optional
Betriebswasseranschluss		optional

[www.greenlife.de](http://www.greenlife.de)

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The **GreenLife greywater-recycling-system GWI 2.3-2.000** has a daily greywater filtration capacity of up to 2.000 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),

