

# Grauwasser Recycling System, 2.000 l/d

## Greywater Recycling System, 2.000 l/d

GWI 2.3-2.000, indoor

**GreenLife**

Technisches Datenblatt / technical data

Kapazität	capacity
Gesamtvolumen Stufe 1	1.000 l
Gesamtvolumen Stufe 2	2.000 l
Gesamtvolumen Stufe 3	1.000 l
Gesamtvolumen Stufe 4	1.000 l
Tagesfiltrationsleistung	<b>2.000 l</b>
DEA, empfohlen Doppelpumpenanlage	nicht im Lieferumfang / not included in delivery
Anschlüsse	connections
Trinkwasser-Nachspeisung	optional
Betriebswasser	optional
Zulauf in die Anlage	DN 100
Überlauf in Kanalisation	DN 100
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*	<b>inklusive Fernsteuerung / including remote control</b>
Abmessungen (B x H x T)	600 x 800 x 400 mm
* Anpassung bedarfsseitig möglich	time interval for aeration, filtration pre-programmed* measurements (W x H x D) * 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 Absicherung	230 V / 50 Hz bauseitig / by customer voltage fuse
Gewicht, Maße, Farbe	weight, measurements, colour
Leergewicht, Anlage max. Gesamtgewicht im Betrieb	515 kg 5.515 kg unit working (max. weight)
Tank Sedimentation	L 1240, B/W 720, H 1550 mm
Farbe	lichtgrau / light grey
Volumen	1 x 1.000 l
Zulauf Grauwasser	
Zulauf Belebung	
Überlauf Grauwasser	
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
Trinkwasser-Nachspeisung	optional
Betriebswasseranschluss	optional

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

# Grauwasser Recycling System, 2.000 l/d

**GreenLife**

## Greywater Recycling System, 2.000 l/d

GWI 2.3-2.000, indoor

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, control module, cable and connecting plug (completely programmed and pre-assembled),

