

# Grauwasser Recycling System, GWO 1.1-500

## Greywater Recycling System, GWO 1.1-500

GWO 1.1-500, outdoor



Technisches Datenblatt / technical data

Kapazität		capacity	
Gesamtvolumen Stufe 1	950 l	total volume stage 1	
Gesamtvolumen Stufe 2	950 l	total volume stage 2	
Tagesfiltrationsleistung	500 l	daily filtration capacity	
Tauchdruckpumpe	GAP X120	submersible water pressure pump	
Anschlüsse		connections	
Trinkwasser-Nachspeisung	3/4"	mains water back-up	
Betriebswasser	optional	service water	
Zulauf in die Anlage	DN100	input to unit	
Überlauf in Kanalisation	DN100	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*		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		mains water back-up	
Magnetablaufventil (optional, größer möglich)	DN 13	soleniod valve (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	
Tank Filtration	Ø 800, H 2.150 mm	filtration tank	
Farbe	schwarz / black	colour	
Volumen	1x 950 l	volume	
Tank Klarwasser	Ø 800, H 2.150 mm	service water tank	
Farbe	schwarz / black	colour	
Volumen	1x 950 l	volume	

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The **GreenLife greywater-recycling-system GWO 1.1-500** has a daily greywater filtration capacity of up to 0,5 cubicmeters.

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 (MicroClear®) 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 filtration tank** incl.:  
greywater inflow, membrane filter and filtrate box, filtrate pump, negative buoyancy, cable and hose bushings,
- 2 service water tank** incl.:  
filtrate access, connection mains water back-up, connection submersible water pressure pump
- 3 control unit** incl.:  
control cabin, aeration pump, Siemens-logic module, cable and connecting plug (completely programmed and pre-assembled),

