

Grauwasser Recycling System, GWO 1.3-1.000



Greywater Recycling System, GWO 1.3-1.000

GWO 1.3-1.000, 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
Gesamtvolumen Stufe 3	950 l	total volume stage 3
Gesamtvolumen Stufe 4	950 l	total volume stage 4
Tagesfiltrationsleistung	1.000 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

Trinkwasser-Nachspeisung		mains water back-up
Magnetablaufventil (optional, größer möglich)	DN 13	solenoid 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 Sedimentation	Ø 800, H 2.150 mm	sedimentation tank
Farbe	schwarz / black	colour
Volumen	1x 950 l	volume
Tank Belebung	Ø 800, H 2.150 mm	aeration tank
Farbe	schwarz / black	colour
Volumen	1x 950 l	volume
Tank Filterung	Ø 800, H 2.150 mm	filtration tank
Farbe	schwarz / black	colour
Volumen	1x 950 l	volume
Tank Servicewasser	Ø 800, H 2.150 mm	service water tank
Farbe	schwarz / black	colour
Volumen	1x 950 l	volume

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Greywater Recycling System, GWO 1.3-1.000

GreenLife

GWO 1.3-1.000, outdoor

The **GreenLife greywater-recycling-system GWO 1.3-1.000** has a daily greywater filtration capacity of up to 1,0 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 BioMembranfilter-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 sedimentation tank** incl.:
greywater inflow, overflow
- 1 aeration tank** incl.:
aeration modules
- 2 filtration tank** incl.:
membrane filter, filtrate pump, negative buoyancy, cable and hose bushings,
- 3 service water tank** incl.:
filtrate access, connection mains water back-up, connection submersible water pressure pump
- 4 control unit** incl.:
control cabin, aeration pump, Siemens-logic module, cable and connecting plug (completely programmed and pre-assembled),

