

Grauwasser Recycling System, 500 l/d

GreenLife

Greywater Recycling System, 500 l/d

GW-FB 500

Technisches Datenblatt / technical data

| Kapazität | | capacity | |
|-----------------------------------|---|-------------------------------|--|
| Gesamtvolumen Stufe 1 | 500 l | total volume stage 1 | |
| Gesamtvolumen Stufe 2 | 1.000 l | total volume stage 2 | |
| Gesamtvolumen Stufe 3 | 500 l | total volume stage 3 | |
| Tagesfiltrationsleistung | 500 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 110 | input to unit | |
| Überlauf in Kanalisation | DN 110 | 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 Belegung, Filtration vorprogrammiert* | | time intervals for aeration, filtration pre-programmed* | |
| Abmessungen (B x H x T) | 400 x 500 x 200 mm | 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 | |
|-------------------------------|----------------------------|--------------------------------|--|
| Leergewicht, Anlage | 225 kg | weight empty | |
| max. Gesamtgewicht im Betrieb | 2.225 kg | unit working (max. weight) | |
| Tank Sedimentation | Ø 650 mm; H 1.650 mm | sedimentation / pre-filtration | |
| Farbe | schwarz / black | colour | |
| Volumen | 1x 500 l | volume | |
| Tank Belegung / Festbett | L 1.240; B/W 720; 1.600 mm | aeration / fixed bed | |
| Farbe | schwarz / black | colour | |
| Volumen | 1x 1.000 l | volume | |
| Tank Servicewasser | Ø 650 mm; H 1.650 mm | service water tank | |
| Farbe | schwarz / black | colour | |
| Volumen | 1x 500 l | volume | |
| Trinkwasser-Nachspeisung | optional | mains water back-up | |
| Betriebswasseranschluss | optional | service water connection | |

www.greenlife.de

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The *GreenLife greywater-recycling-system GW-FB 500* has a daily greywater treatment capacity of up to **500** 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 clearwater is free from solids and disinfected by UV-light.

The total recycling process is composed of the sedimentation, biological treatment, fixed bed reactor, UV-disinfection and will be stored after it in the clearwater tank.

results:

The result is clear germ free service water (non-potable) available for reuse in WC's, cleaning purposes, garden irrigation and/or industrial applications!

consisting of:

- 1 sedimentation / pre-filtration tank** incl.:
greywater inflow, overflow to the sewage, pre-filtration unit
- 2 aeration / fixed bed tank** incl.:
greywater inflow, -outlet into treatment incl. dip pipe, discharge valve
aeration plate / pipe, fixed bed reactor
- 3 UV-disinfection** incl.:
control unit
- 4 service water tank** incl.:
filtrate access, connection drinking water feed unit (optional), connection twin pump station (optional)

