

# Greywater Recycling Unit WME – 4

Item No G17001



## Equipment:

- Complete greywater recycling system for 300 l/day treatment
- Incl. treatment & clearwater storage tank
- Biological treatment & membrane filtration
- Intelligent control unit
- With integrated booster pump
- Back-up via rainwater and/or mains water
- No need of chemical additives



## Connections

Height inlet in mm	1540
Height overflow (clear water) in mm	1100
Height overflow (greywater) in mm	1400
Electrical connection	230V/ 50Hz
Power supply	1.0 kW
Energy consumption	3.5 kW/m <sup>3</sup>
Protection	IP 44
Filtration in mm	0.00005

## Dimensions

Width in mm	750
Depth in mm	790
Height in mm	1660
Weight in kg	75

## Operation

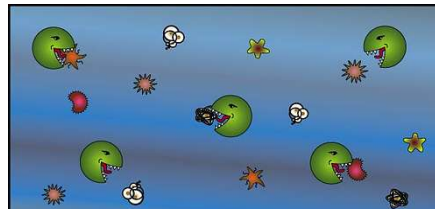
The WME-4 is a compact greywater recycling system for water from shower and baths as well as hand wash basins. It operates on the principles of biological membrane filtration. The system can treat up to 300l of greywater per day. The water is recycled to the water quality standards set in the European bathing water regulation. The recycled water can be used for toilet flushing, washing machine and garden irrigation. The WME-4 should be installed below all greywater collection points; i.e. in the basement. The unit can also be used in a combined rainwater and greywater recycling system.

## The cleaning process

The Intelligent Water Manager WME treats the greywater in 2 steps. First the greywater undergoes biological treatment with special aeration. Afterwards the treated water is disinfected via the ISB-membrane.

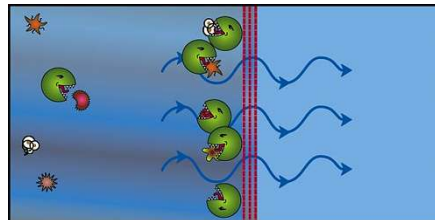
### Step 1:

In the biological treatment specific cleaning bacteria degrade bio-degradable substance.

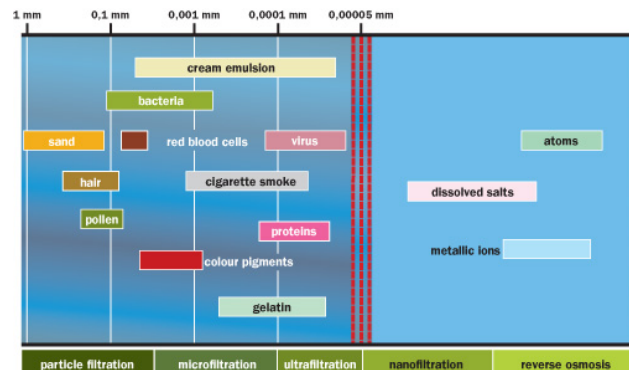


### Step 2:

Due to the ISB membrane the treated greywater is disinfected retaining the pollution and germs.



The ISB membrane retains relevant particles which are bigger than 0,00005 mm secure and reliable.



Intelligent  
Security Barrier



Best water quality is guaranteed through the innovative ISB system membrane.