



Biolan - Greywater Filter - up to 300 litres per day

How it works - dimensions - inlet & outlet connections

Greywater **INLET** for
3" OD pipe (c/w vent)

Clear water **OUTLET** for
3" OD pipe (c/w vent)



Greywater flows through
5 levels of filter material

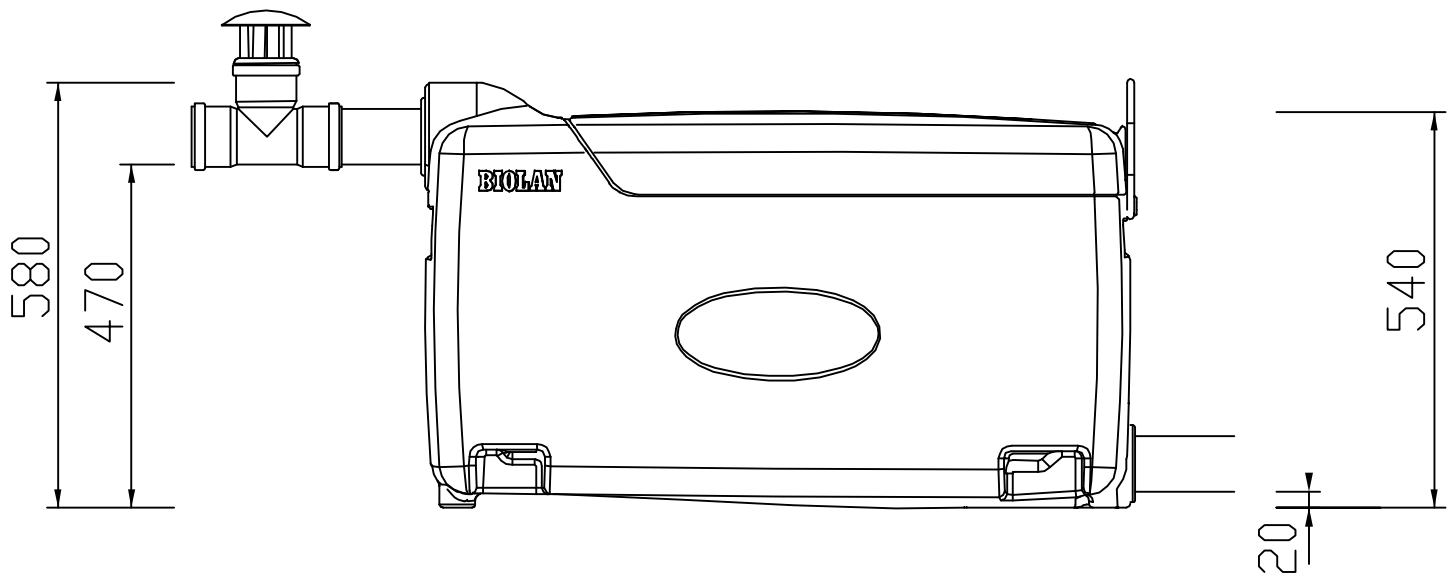


← Filter material - lasts 3 months per bag

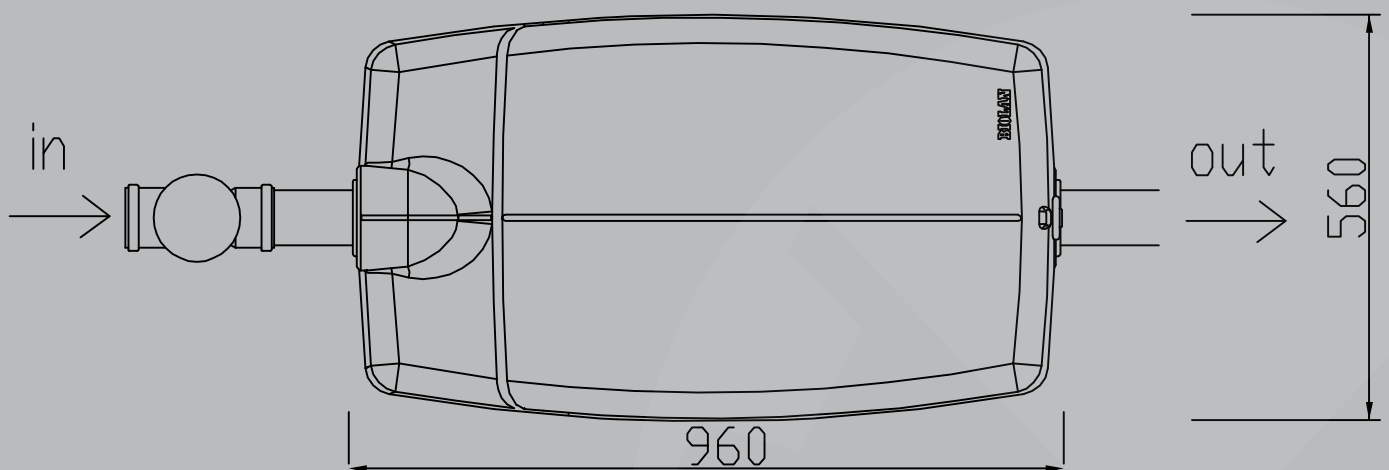
- Treats up to 300 litres of greywater per day.
- Use for sink, bath and shower water only.
- 5 x sloped trays are assembled inside the unit.
- Each tray is lined with Biolan filter material.
- Greywater flows into the top of the unit, passes under gravity flow through the trays and filter material, and exits the unit at the bottom.
- Treated water can be used for irrigation.
- Replace filter material after 100 days.
- Extend capacity by adding extra units in series.



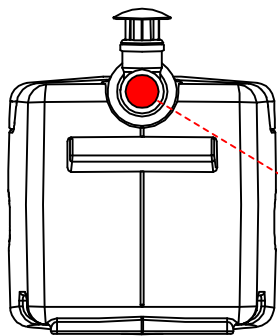
Biolan - Greywater Filter - dimensions



↑ Side view ↑



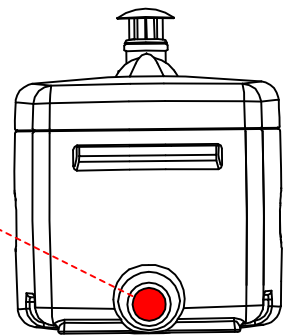
↑ Plan view ↑



↑ Inlet end view ↑



3" / 75mm OD rigid pipe



↑ Outlet end view ↑

Greywater Filter - connecting greywater to the filter



These options will guide on how to make a suitable link between the greywater filter and the water source (shower, sink, bath, motorhome, static or towing caravan etc).

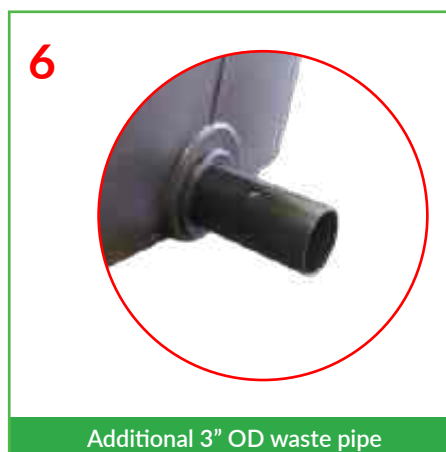
Note: Inlet pipes are angled at 2° or more (down) for water to flow.

Greywater enters the filter [1] via the [top] 3" inlet pipe.



A 3-4" adaptor coupling [2] allied with a widely available waste adaptor [3] will accept water through a 32mm pipe.

The adaptor coupling [2] allied with a double waste adaptor [4] will accept greywater through 1 x 32mm & 1 x 40mm inlets, or 2 x 40mm inlets, depending on your greywater source(s).



If you have a caravan or motorhome you may be familiar with a dual waste pipe [5] which is directed into [3 or 4].

Extra 3" inlet or outlet pipe [6] is available in lengths up to 5m.

All of these parts are readily available at online retailers.

WASTE PIPE SIZE ASSUMPTIONS - these determine the pipe sizes you'll be connecting to your Biolan filter

DOMESTIC - BUILDING REGULATIONS (Approved Document H) & BS EN 12056-2:

- 32mm from basins, bidets and light fixtures
- 40mm from baths, showers and kitchen sinks

CARAVANS - GLAMPING PODS - OUTDOOR HOME OFFICES - CAMPER VANS

- 28.5-32mm is most common
- 20mm and 23.5mm may also be used