

## The bio-filter system functions as follows

The bio-filter consists of natural substratum of coconut fibres and is interspersed with microorganisms that also exist in natural forest soil. The microorganisms become active and utilize the foul smelling fermentation gases for their metabolism. The conversion starts, the microorganisms transform the smell into odourless carbon dioxide and water. The carbon dioxide is released into the (surrounding) air, whereas the water drips back into the waste bin. Enzymes in this water penetrate the waste and support its conversion into compost. Together with the enzymes, the humidity also reduces the spreading of mould fungus spores. So especially allergic people can breathe a deep sigh of relief, because the foul smell is gone now.

**A natural and biologic way – with the clever bio-filter system.**

### Start Now

- ✓ to stop the smell
- ✓ to collect hygienically
- ✓ to reduce waste
- ✓ to save money

## How It Works



**Do you want to become a partner of us or do you need more information on our products?**

**Please do not hesitate to contact us!**



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## Universal bio-filter lid for Wheelie Bins



**Increase in acceptance of organic waste collection**

**Addition to residual waste collection**

**The only hygienic, technical and biological solution to stop flies, maggots and bad smells**

**Put a Smiley on your bin!**



Perfectly fitting lid with an airtight double lip seal

Prevents the escape of the gases that attract pests. Designed to stop vermin and pests getting inside the bin

Addition to the chip and identification systems

No maintenance over the 2 year lifetime of the filter material

Robust and sturdy design in accordance with DIN EN 840

Fortnightly collection intervals are possible

Scientifically tried and tested

Outstanding consumer feedback

#### Universal sizes and colours

Brown and green lids are available in stock. Additional colours upon request.



Three sizes



60/80 litre, 120 litre, 240 litre

### Universal bolt to fix the bio-filter lid on



### Special clip version of the bio-filter lid for businesses

Put a Smiley on your bin - the perfect smell-free solution for your kitchens, restaurants, cafes, parks, beaches, tourist walks, grocery stores, etc ...



### bio-filter Material

The active bio-filtering material is a natural product consisting of a coconut-fibre-based substrate containing specially adapted microorganisms. This filtering material (i.e. coconut fibre plus additives) is completely dry, and has been compressed into pads.

Biofiltration provides a straightforward means of cleaning odors. The microorganisms in the biofiltering material convert the unpleasant smells into (harmless residual products such as) carbon dioxide and water.

**Lifetime: 2 years**



### Green Kitchen Bin

Thanks to the bio-filter a smooth and hygienic collection of kitchen waste and other strong-smelling waste, such as baby diapers or cat litter is ensured. The lid with an integrated bio-filter closes the container dense and no unfiltered odors can escape.



**Sizes**

40 litre, 25 litre, 20 litre and 10 litre