

# 2-WHEEL BIO SELECT



# BIO LOGICAL

## BIO WASTE

Bio waste is the organic waste that naturally originates from plant or animal sources and may be broken down by other living organisms. Such wastes occur in households and companies, food waste and garden waste for example. Biodegradable waste is usually stored separately in so-called bio

waste containers and composted or fermented. There is a high benefit for the environment: the waste turns into rich soil, biogas plants can produce biogas from bio waste which in turn can be used for the generation of heat and power. Furthermore the amount of residual waste is considerably reduced.

## BIO WASTE CONTAINERS

Depending on the waste our bio waste containers can be equipped with various ventilation systems or our Bio Filter lid. Air circulation lets a lot of the occurring fluids evaporate and starts the process of composting in the bin already. Fresh air is led in, warmed-up gas is led away. Waste volume and weight

decrease, odours are minimised, transport costs sink. The bio waste is already prepared for further recycling which increases profitability in the composting plants.

Collection of bio waste helps the recycling of natural resources and the production of climate friendly energy.

## FUNCTIONAL & CONFORMING TO STANDARDS

OTTO always considers the entire logistics and application chain when designing products including requirements for filling, emptying, handling, health and safety. The AWB fulfil all current European and national standards and are certified in accordance with the highest quality standard worldwide RAL-GZ 951/1.



## WE VALUE YOUR BIO RECYCLABLES

OTTO's BIO SELECT portfolio offers various options to create the perfect container for different purposes. Generally air circulation is sufficient for garden waste while an increasing share of food waste requires a container with seal-proof Bio Filter lid.



# BIO FILTER LID

## BIO FILTER LID FOR ORGANIC DECOMPOSITION

The Bio Filter lid comes with an elastic double seal completely sealing body and lid.

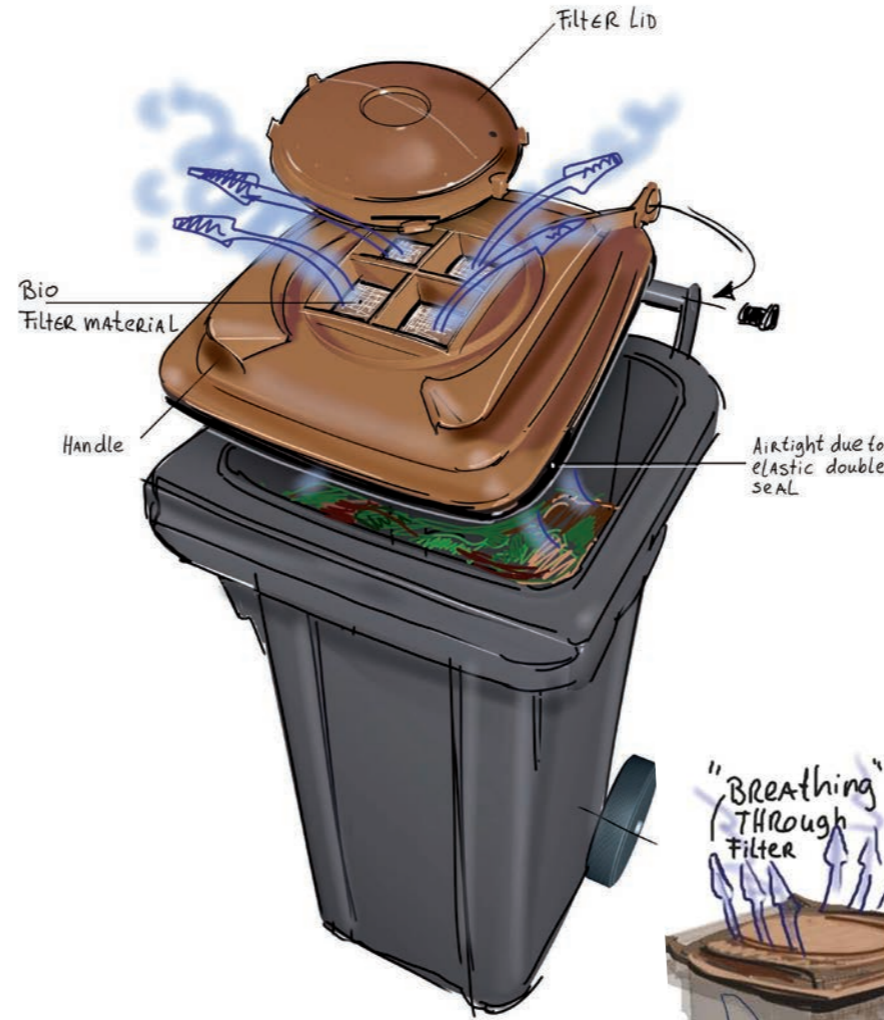
Bugs and their maggots and other vermin cannot get into the container. Gases can only escape through the filter.

The filter material in the Bio Filter lid is an organic substrate based on coconut fibre. It contains active enzymes and micro-organisms which neutralise odours. Composting already starts in the container. At the same time the

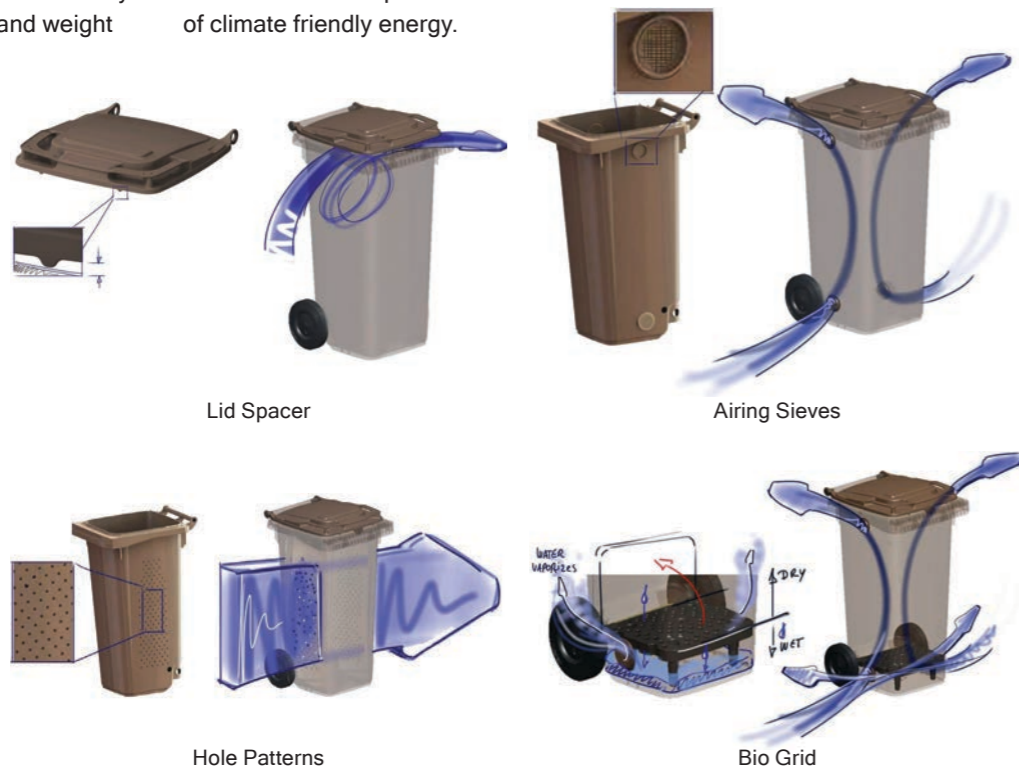
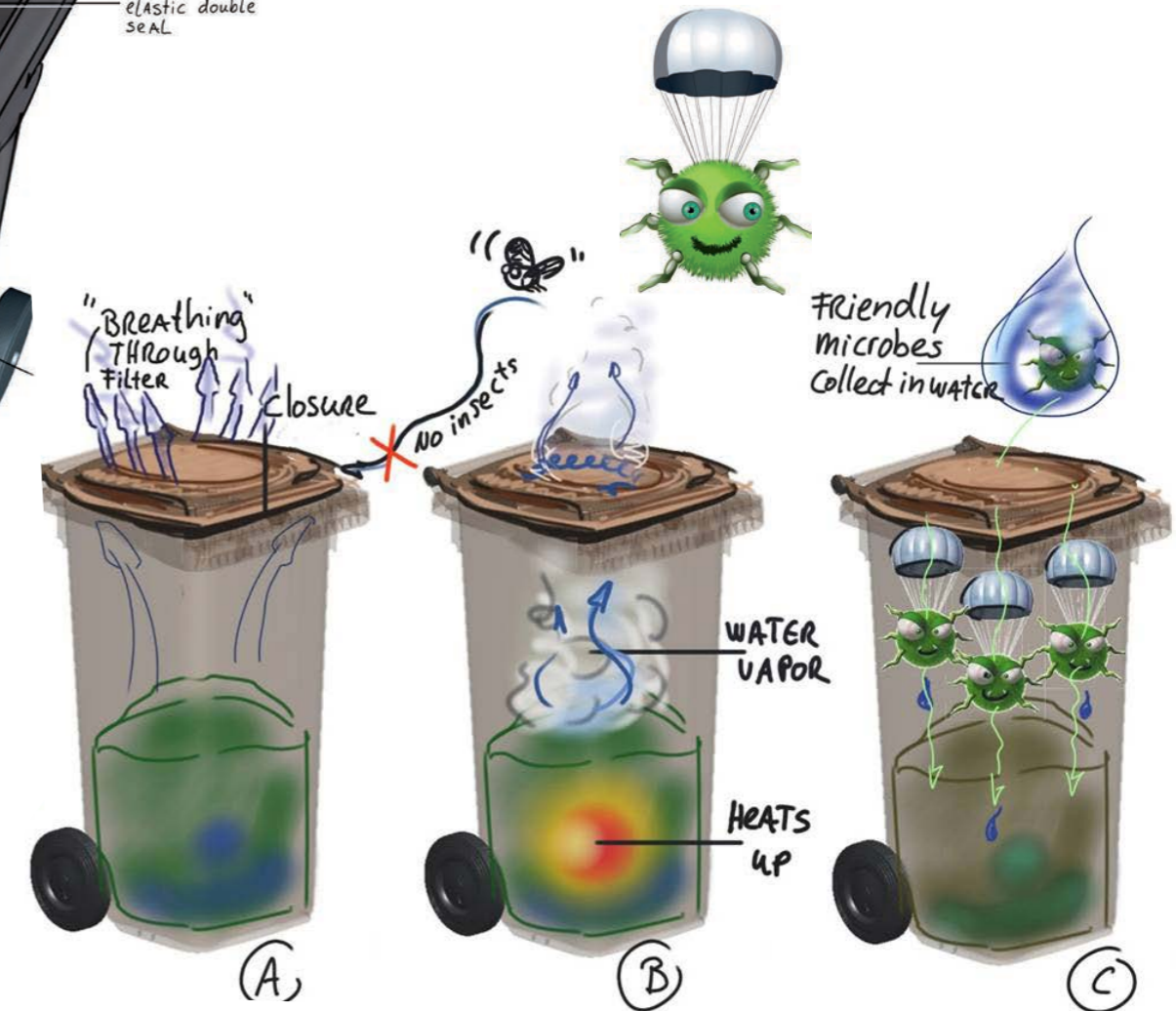
humidity in the container inhibits the spread of harmful spores.

Every two years the filter material should be exchanged and disposed of via the bio container. The Bio Filter lid is compatible with a selection of OTTO 2-wheel containers up to 240L. Bins can be upgraded with the filter lid on demand.

The Bio Filter lid should only be mounted on bins without ventilation devices. It only works properly on airtight containers.



Construction of Bio Filter Lid



Lid Spacer

Airing Sieves

Hole Patterns

Bio Grid





A GLOBAL  
ENVIRONMENTAL  
SOLUTION COMPANY

## OUR PRODUCT & SERVICE RANGE

### OTTO WASTE SYSTEMS

Systems for domestic and industrial waste

### OTTO PUBLIC FURNISHING

Litter bin systems and street furniture

### OTTO SERVICES

Logistics, financing, container management

## OUR EXPERTISE

### CONSULTANCY

Designing innovative tailor-made solutions

### DEVELOPMENT

Designing of optimum receptacles

### PRODUCTION

Manufacturing plants worldwide

### DISTRIBUTION

Local connection to a global network

### SERVICE

Meeting individual needs with custom solutions

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