

ALEtrumman
komposten



BIGHANNA
composter

HANNA BIOFILTER

Susteco's unique biofilter is an excellent option for the treatment of odours generated by the composting process. Manufactured from high grade, long lasting stainless steel the Hanna biofilter is a simple, trouble free option that can be sited in interior and exterior locations. Exhaust air including smells, steam and condensation are lead into the bio filter where smells are neutralized through a layer of bark that is treated with enzymes. This allows the air from the biofilter to be let out to open air in areas with a lot of buildings.

AIRFLOW FROM COMPOSTER

A well managed compost where the process works well does not create a foul smell but the air should nevertheless be taken from the installation site. There are essentially three ways of handling this - connection to an existing sewage system, a biofilter or if the area is not densely populated - the air is just led outdoors.

CONDENSED WATER

From the machine pipes are connected to the bottom of the biofilter. The air is pushed into the biofilter and are led out at the top of the biofilter box (right hand corner on picture). The condensed water is collected in the bottom of the biofilter. The condensed water is emptied through a tap at the bottom of the box.

If possible it is good to have a drain on the floor nearby the biofilter so that the condensed water easily can be emptied into it. If there is no access to a drain it is possible to empty the condensed water into a bucket.

MEASUREMENTS

Length: 800 mm
Width: 600 mm
Height: 930 mm

ENZYMES

To keep the function of the biofilter the enzymes have to be added every 3-6 months and bark every 8-12 months. The stainless steel box is easily moved with a pallet lift.

MAINTENANCE

- ✓ The biofilter has to be watered regularly.
- ✓ Enzymes (water solution) needs to be added every 3-6 months.
- ✓ The condensed water level needs to be checked / emptied out regularly.

INSTALLATION

The biofilter is assembled on site and bark needs to be sourced locally or ordered separately. Outside installations in cold climates where temperatures are regularly sub-zero require that a heat cable be specified to insure the bio-filter doesn't freeze up. For indoor installations we recommend that the air is piped through the wall or roof into the open air. There will be less condensation generated in indoor installations.

