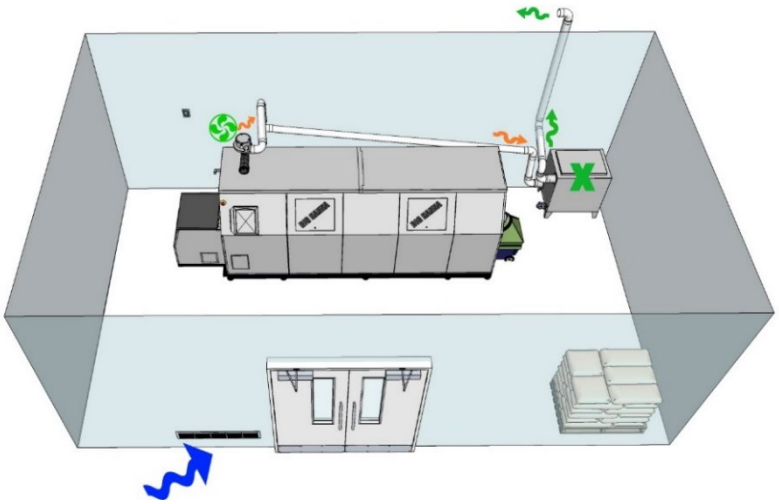
BIGHANNA™ composter

HANNA BIOFILTER



Susteco's unique Biofilter is an excellent alternative for treatment of odors generated by the composting process. Manufactured in stainless steel, the Hanna Biofilter is a simple, trouble free solution that can be sited in interior and exterior locations. Exhaust air, including smells, vapors and condensation, is led into the Biofilter where the smells are neutralized through a layer of bark treated with enzymes. Thanks to the Biofilter, air from the composting process can be vented to populated areas.

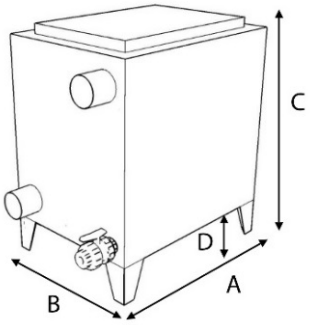
AIRFLOW FROM THE COMPOSTER

A well managed composting process does not create a foul smell, but the air should nevertheless be vented from the installation site. There are essentially three ways of doing this - connection to an existing sewer system, use of a Biofilter or, if the area is not densely populated, just lead the ait to outside.

INSTALLATION

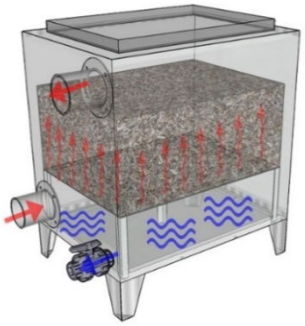
The Biofilter is installed on-site and bark can be sourced locally or ordered separetely. Outdoor installations in cold climates where temperatures are regularly below 32° F require that a heat cable be specified to ensure the Biofilter does not freeze. For indoor installations, it is recommended that the air is piped up over the rooftop into the open air.

MEASUREMENTS



MAINTENANCE

- ✓ The Biofilter has to be watered regularly.
- ✓ Condensation level needs to be checked and condensation drained regularly.
- ✓ Enzymes (water solution) need to be added every 3-6 months.
- ✓ Bark needs to be added once a year.



CONDENSATION WATER

The ventilation pipe from the Big Hanna Composter is connected to the bottom of the Biofilter. The air is pushed into the Biofilter and is led out at the top of the Biofilter box (right hand corner on picture). Condensate is collected from the bottom of the Biofilter and drained through a valve at the bottom of the box. If possible, it is good to have a drain on the floor near the Biofilter so that the condensation can be easily drained. If there is no access to a drain, it is possible to empty the condensation into a small bucket. There will be less condensation generated in indoor installations.

SIZE	MODEL	A	B	C	D	Bark
		inches	inches	inches	inches	gallon
Biofilter	T60- T240	31.5″	23.6″	41.33″	10.2″	45
Biofilter XL	T480	47.2″	31.5″	47.2″	10.2″	114
Biofilter XXL	Neter12 to Neter20	47.2″ *	47.2″ *	53.1″ *	10.2″ *	227
Biofilter XXXL	Neter28 to Neter36	88.6″ *	47.2″ *	53.1″ *	10.2″ *	454
*measurements are approx and might change						