

ODOR ELIMINATION WITH THE DRY STEAM TECHNOLOGY

It is well known that Ecosorb® eliminates odours very well - and it works always reliable. In contrast to this, the application situations at customer sites are very different. Often, the question arises: How do I spray Ecosorb® and does the entire surrounding get wet?



But do not worry! The devices spraying Ecosorb® are also very different and they are individually adapted to the application. Many companies prefer wet spraying, but ACAT often recommends the dry steam technology,

known as VPS (= Vapour Phase System). The liquid Ecosorb® is split into small molecular particles and sprayed as dry vapour into the air. Vapour spreads out very evenly and it also penetrates into holes and cracks, and therefore it is the best form of application for the fight against odours!

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ODOR ELIMINATION WITH THE DRY STEAM TECHNOLOGY

The principle of the Vapour Phase System is very simple: A pump sprays Ecosorb® at high pressure into a pipeline and a large fan presses the product into an airflow at a rate of 1200 m³ / h through defined holes. The result is dry air enriched with Ecosorb®! The advantage is obvious: No water supply, no freezing of nozzles and no wet floor!

ACAT GOES ONE STEP FURTHER!

The VPS system has proven itself several times and it is in use already worldwide. But is that really the end of the story? No, it is not, because ACAT goes one step further: the future belongs to the oscillation!

Oscillation is a technique evaporating solutions with the help of vibrations, and the resulting vapour is evenly distributed also in large halls. Thus oscillation is a modified and improved vapour phase system. Pumps and nozzles are no longer necessary for this technique.

Vibrating lamella put Ecosorb® in motion. The resulting heat evaporates Ecosorb® and it is distributed in the areas to be treated. The exact amount of Ecosorb® needed can be precisely adjusted (in ml / h) with a control device, which is additionally equipped with an anemometer allowing the system to adapt to wind direction and wind force.

The touch screen panel has various functions that can be activated and deactivated and a timer to control the needed operating times. That's the theory. And the future has already begun!

Currently a municipal company is testing the oscillation system for the treatment of bio-waste and green waste. The sludge drying plant is equipped with the latest sludge recirculation technology - and now also with the state-of-the-art ACAT odour treatment technology.



ACAT recommends the dry steam technology, the so-called Vapor Phase System VPS.

But ACAT goes one step further: The future belongs to the oscillation technology, which is currently running in trial operation.