



scheuch
COMPONENTS

ODOUR FILTER CONCEPT

ODOUR EMISSION CONTROL

EFFICIENT ODOUR FILTRATION FOR A VARIETY OF APPLICATIONS

The unpleasant smells produced by facilities such as composting plants, sewage treatment works, farms, food production premises, breweries and recycling plants can be challenging for operators to deal with.

Odour filtration systems are essential for keeping the impact of odours on employees, nearby residents and the environment below the legally prescribed number of odour units per m³. Scheuch COMPONENTS offers the solution to this with its modular Odour Emission Control filter concept – or OEC for short.

CONSISTENTLY BELOW THE LIMIT VALUES

The OEC filter concept provides more than just a reliable way of meeting the legal guidelines. In fact, the values that it results in are far below those stipulated by law – and that goes for all the projects in which Scheuch COMPONENTS has installed the concept to date.

INTEGRATION INTO HALL SYSTEMS

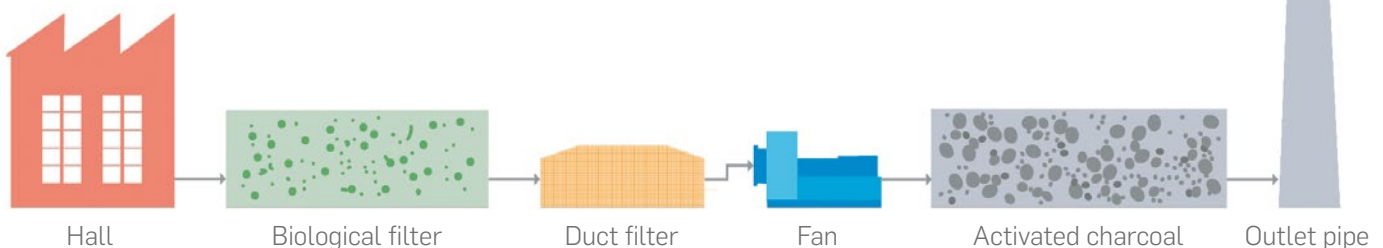
With the OEC filter concept, Scheuch COMPONENTS is able to offer solutions for all kinds of hall systems and types, including custom solutions.

It has worked successfully with companies like MODULAR Hallensysteme GmbH to make continuous improvements to the way in which the hall system and extraction technology interact with one another.

HOW OEC WORKS

The odorous air is extracted from the hall by means of one or more biological filters. Using microorganisms in a packed bed, these filters take care of the initial conversion of the air into an odour-neutral state and dehumidify the air flow. A downstream duct filter removes dust and particles. Finally, a fan moves the prepared air through the activated charcoal filter before it is discharged into the atmosphere via the outlet pipe.

This structure keeps odours below the legally prescribed number of odour units. Butterfly valves stop any odours from escaping through the hall door. When a door is opened, a butterfly valve ensures that the extraction capacity is automatically increased at that location.



For more information, visit
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