

# Technical data sheet



## Filter mats for Volumenmax UT31500

As at: July 2024

Usage	Volumenmax (1 package consists of 2 panels)
Dimensions of the filter mats L x W x H	600 x 490 x 90 mm (1 panel) 600 x 490 x 180 mm (1 package)
Pleating of activated carbon media	The media is glued during pleating with a hot melt adhesive to ensure a homogeneous airflow.
Panel description	The folds are fixed with a polyester fleece as a frame and a PO hot melt adhesive as glue to generate a constant fold spacing.
Packaging	For 1 package, 2 panels of 90 mm height are stacked and glued together to form 180 mm. 16 packages are required for 1 Volumenmax.
Fold spacing of the panel	12 mm
Number of folds per panel	50 folds
Fold height	87 mm
Filter area	4.24 m <sup>2</sup> / panel 8.48 m <sup>2</sup> / package 135.68 m <sup>2</sup> / Volumenmax
Airflow area	0.29 m <sup>2</sup> / package 4.64 m <sup>2</sup> / Volumenmax
Filtration performance against	AMC, VOC, odours, ozone, sulfides (H <sub>2</sub> S), acidic gases
Activated carbon coating, calculated	Ø 700 g/m <sup>2</sup> AK5426 (2×Z-medium) Ø 400 g/m <sup>2</sup> AK3008 (2× 3rd layer)  4.66 kg / panel 9.32 kg / package 149.12 kg / Volumenmax

## Recycling und disposal

Legal Regulations	According to the Waste Disposal Act, the components must be delivered to the appropriate acceptance points for environmentally sound disposal and recycling.
Packaging	Packaging made of cardboard, recyclable plastics, and plastic filling materials should be disposed of in an environmentally friendly manner via the appropriate recycling systems or recycling centers.
Filter mats	Comply with the relevant national or local regulations.

## Processing instructions

Processing	Personal protective equipment
	Personal protective clothing and equipment must be worn when installing and changing the filter media in order to protect the skin, eyes and respiratory tract.

