



For dedusting the manufacturing process of special chemicals an **aspiration filter of type Infa-Lamellen-Jet** is used. In spite of small floor space a filter surface of 72 m² could be realised because of the optimised filter geometry.

The requirements for the new filter unit were very special. The paraffin containing dust particles are adhesive and waxy. Therefore pleated elements with a laminated PTFE membrane are used. The diaphragm allows a stable dust removal process. Furthermore this dust kind is potentially explosive. The pleated element filter was therefore designed pressure shock resistant up to 0.4 bar g and equipped with an explosion suppression system. Additional explosion decoupling systems on the raw gas and clean gas side were planned by the customer.

Technical data

Filter type		Pleated element filter Infa-Lamellen-Jet AJL
Dust kind		paraffinic
Filter area	[m ²]	72
Filter material		PTFE membrane

You find the market place for used filter units here.

You find all manuals PDF files [here](#).

You find all upcoming fair dates [here](#).

Sign up here for our [newsletter](#) and make sure to receive free tickets for our trade fairs.

