

## Dedusting project

### Dedusting of mechanically filled silos

All kinds of lime are important additives for water treatment. During filling of the silo tank with the bulk material, the displaced air should freely escape to the outside. Cleaning of the dust laden air usually is carried out with a silo top filter.

In a waterworks, dedusting was changed from shaking filters to venting filters in stainless steel, type Infa-Vario-Jet AJV with jet-pulse cleaning. Because of the quick fasteners at the dished covers, access to the clean gas chamber is very maintenance-friendly.

#### Technical data

Filter type		AJV 800-980-22 P
Volume flow	[m <sup>3</sup> /h]	6-8 (during final surge) / 35-40 (during conveying)
Residual dust content	[mg/m <sup>3</sup> ]	< 10
Filter surface	[m <sup>2</sup> ]	22.5
Filter material		Polyester fleece

