

## Dedusting project

### Cartridge filter for manufacturing of refractory bricks

Refractory bricks are used for industrial high temperature processes. Among others, clay is used for manufacturing. For this application, the bulk material is taken from a big bag station. Dedusting of the big bag station is carried out by a cartridge filter Infa-Jetron IPF. The separated dust is led back to the production process via a rotary valve and a downpipe. The fan is installed laterally.

#### Technical data

Filter type		IPF 1/321
Dust kind		Clay dust
Dust particle size	[ $\mu\text{m}$ ]	5-20
Volume flow	[ $\text{m}^3/\text{h}$ ]	120
Filter surface	[ $\text{m}^2$ ]	32
Filter material		Polyester fleece

