



ASD 300 Ex



**Clean air,
high performance**

**Exhaust and
filtration technique
for flammable and
explosive dusts**



**Air handling equipment for environmental
and health protection**



ASD 300 Ex



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Technical Description

Stationary extraction and filter facility for explosive dusts of the dust explosion category St 1.

The process of surface filtration takes place via polyester fleece filter cartridges, with a PTFE membrane, electrical conductive, category C/BIA, additional particle filter HEPA H13 with aluminium separators.

- stationary facility
- steel sheet housing
- fully automatic filter cleaning via a compressed air multi-jet nozzle
- the filtered materials fall into a dust case (15 litres hobcock) and can be disposed without contamination

Fields of application:

- separating, milling, grinding, polishing, transfilling

Type Series		300 FQ	300 EC
Parameters	Unit		
max. flow rate	m ³ /h	450	220
max. vacuum	Pa	2.600	22.800
nominal power	m ³ /h at Pa	200/2.000	180 / 6..000
nominal motor power	kW	0,37	1,1
nominal voltage	V	230	230
frequency	Hz	50/60	50 / 60
type of protection	IP	54	54
noise level at 50%	dB(A)	52	54
noise level at 100%	dB(A)	57	60
weight	kg	60	60
flow rate controller		standard, stepless	standard, stepless
loaded filter indicator		standard	standard
operating hour meter		not available	not available
cleaning		automatic	automatic
inlet stub	mm	2 x Ø50	2 x Ø50
outlet air mode		ventilation grating or outlet air stub	ventilation grating or outlet air stub

