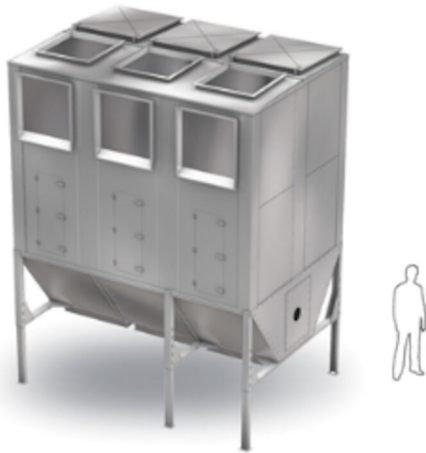


NFSZ3000 baghouse dust collector

Baghouse dust collector with rotary valve or screw conveyor

NFSZ3000 baghouse dust collector



Example: NFSZ3000 3 HJ module with side and top venting for St2 dust, regenerating fans in the top and outlets for rotary valve NRSZ30.

Baghouse dust collector designed for medium air volumes and can handle large volumes of material concentrations.

The NFSZ3000 baghouse dust collector is designed for medium air volumes and can handle large material concentrations. It is a modular dust collector made of galvanised steel sheet with a telescopic support, suitable for outdoor use.

Available in two different widths, type E 1200 mm (47") and type J 2400 mm (94"). Each module of the filter design is fitted with a combined inspection and explosion relief door. Filter cleaning with regeneration fans. The filter is fitted with the unique patented SUPERBAG.

The medium-sized/large particles are separated in the filter hopper and the inlet section (optional), and the air is then distributed to the filter bags. The collected material is discharged via the rotary valve. The rotary valve is used for non-pressurised material discharge to a silo, container or separate transport system. The filter can be supplied either for continuous operation or with a break to clean the filter bags every four hours.

- Handles air volumes from 1 500-65 000 m³/h (883-38,000 CFM)
- Wide range of rotary valves/screw conveyors for material discharge
- ATEX-certified for St1 and St2 dust with a Kst value up to 300 bar m/s
- Compact design
- Suitable for handling large volumes of air with heavy material contamination
- Designed for continuous operation or operation with 15 minute breaks for cleaning, approx. every four hours
- For mounting on the ground or on the roof
- Overpressure or vacuum versions up to 5 000 Pa
- Explosion relief upwards or sideways
- Powerful online cleaning with efficient regeneration fans
- Patented antistatic polyester SUPERBAG filter bags
- Easy to install on site and extend when required
- Low energy consumption

Product name	NFSZ3000 baghouse dust collector
Installation	[Outdoor]
Material	Housing in galvanized sheet steel
Suitable for combustible dust	True
Filter cleaning method	[ReverseAirPulse]
Application	[dust], [granulate]
Capacity (max airflow cfm)	883-38,000 cfm (1,500-65,000 m ³ /h)
Operating Temperature	-4 to 167 F (-20 to 75 C)



NFSZ3000 baghouse dust collector

Granulate Dust

NFSZ3000 baghouse dust collector

[model]
NFSZ3000-LJ
NFSZ3000-HE
NFSZ3000-LE
NFSZ3000-HJ

NFSZ3000 baghouse dust collector

Type	A#	B	C	D***	F	G	H1	I	J**	K**	L1	M	N	O	P**	Q	R	S	U	W	X
E	2400	1106	952	485	1200	800	3600	720	2937	3740	See below	1121	240	780	2960	135	1200	115	150	47	153
J	2400	1106	952	485	1200	800	3600	720	3420	4220	See below	2321	240	1260	2960	135	2400	115	150	47	153

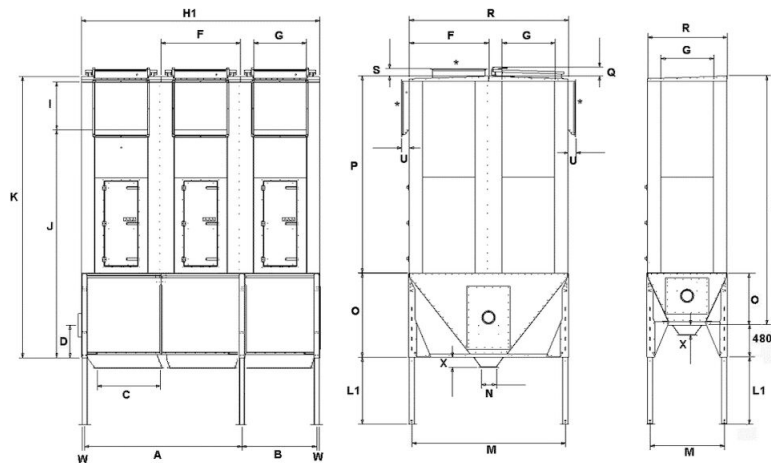
L1 – telescopic filter legs			Type	Weight per module	Filter length			
Type	Min. Adjust.	Max. Adjust.			Type	H1	Type	H1
L = 1196 mm	155	850	HJ - over pressure	567 kg	1 HJ & LJ	1200	1 HE & LE	1200
L = 1596 mm	555	1250	HE - over pressure	391 kg	2 HJ & LJ	2400	2 HE & LE	2400
L = 2195 mm	1155	1850	HJ - vacuum	742 kg	3 HJ & LJ	3600	3 HE & LE	3600
L = 2596 mm	1555	2250	HE - vacuum	496 kg	4 HJ & LJ	4800	4 HE & LE	4800
					5 HJ & LJ	6000		
					6 HJ & LJ	7200		

All dimensions in mm.

Optional 1200 mm.

** Height of LJ version - reduce 1440 mm

*** 400 mm to bottom plate in hopper.



NFSZ3000 filter with rotary valve

* Optional position of outlet / reg. fan. 800 x 800 or 500 x 600 mm. (LJ version: not on door side)