Product leaflet

NFKZ 3000 baghouse dust collector

Baghouse dust collector with chain conveyor



This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

NFKZ 3000 baghouse dust collector

Baghouse dust collector suitable for handling large volumes of air with heavy material contamination levels

The NFKZ3000 baghouse dust collector with chain conveyor is suitable for handling large volumes of air with heavy material contamination levels. It is a modular filter made of galvanised steel sheet. Filter has telescopic support and is suitable for outdoor use.

Each module, 2400 mm (94") 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 filter hopper and inlet section (optional) separates medium-sized/large particles and distributes the air to the filter bags. A double chain conveyor on the bottom of the hopper passes the collected material to a rotary valve for discharge.
•Handles air volumes from 6000-500 000 m3/h (3,500-294,000 cfm)
•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
•For mounting on the ground or on the roof
•Overpressure or vacuum versions up to 5 000 Pa (0.725 psi)
•Explosion relief upwards or sideways
•Powerful online cleaning with efficient regeneration fans
•Patented antistatic polyester SUPERBAGs
•Easy to install on site and extend when required
•Low energy consumption.

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

NFKZ 3000 baghouse dust collector

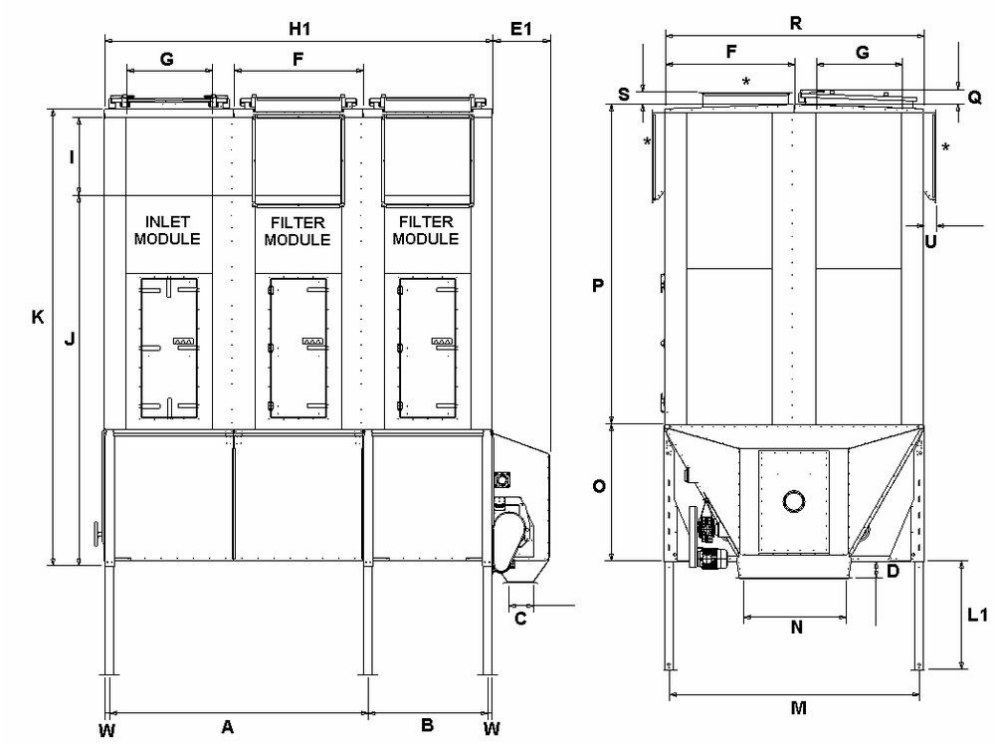
Certifications	[ce], [ex]
Installation	[Outdoor]
Material	Housing in galvanized sheet steel
[ProductSuitableForCombustableDust]	True
Filter cleaning method	[ReverseAirPulse]
Application	[grit], [dust]
Capacity (max airflow cfm)	3,500-294,000 cfm (6,000-500,000 m3/h)
Operating Temperature	-4 to 167 F (-20 to 75 C)

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

Models

	Item no
	NFKZ3000-HJ
	NFKZ3000-LJ

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB



Dimensions (example – NFKZ3000 2+1 HJ) * Optional position of outlet / reg. fan. 800 x 800 or 600 x 600 mm. (LJ version: not on door side)

A#	B	C	D	E	F	G	H	I	J**	K**	L	M	N	O	P**	Q	R	S	U	W
2400	1106	245	153	583	1200	800	3600	720	3420	4230	See below	2321	952	1260	2960	135	2400	115	150	47

L – telescopic filter legs		
Type	Min. Adjust.	Max. Adjust.
L = 1596	555	1250
L = 2195	1155	1850
L = 2596	1555	2250

Type	Weight per module
J - over pressure	567 kg
J - vacuum	742 kg
Driving station	250 kg

All dimensions in mm. ** Height of LJ version – reduce 1440 mm # Optional 1200 mm.

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB