

BULK SOLIDS HANDLING EQUIPMENT

SILO VENTING FILTERS

Venting filters-FNC-Series

FNC is a round exhaust filter made entirely of stainless steel (the sealing frame is made of surface-treated carbon steel). The filter belt There is a flanged housing that can fix the filter in the silo with 24 bolts



Feature	Function	
Standard Stainless Steel Body	Resistance to Corrosion	Reduced Maintenance Costs Due to Increased Durability
High Quality Filter Media	High Filtration Efficiency	Lower Dust Emission
Push-Fit Filter Elements	No tools for cartridge maintenance needed (no loss of hardware)	Lower Maintenance Costs
Maintenance Height = 1,150mm (3.8 ft)	Easy Maintenance	Increased Work Safety - Reduced Maintenance Costs
Easy opening system with hinged cover	Easy Maintenance	Reduced Maintenance Costs
With fan exhaust system	High efficiency exhaust	Clean room, no dust leakage

Code

FN	C	3	J	22	V		A
TYPE	Filtering elements	Filter diameter	Cleaning system	Filter surface	Pressure meter	Body material	Fan motor power
FN	C= Cartridges W= Square cartridge	1=400mm 2=600mm 3=800mm 4=1000mm	J= Compressed air	01-48m ²	V=	+ =430St.st 2=304St.st 4=316St.st	C=Plastic cover A= With fan



Specification data

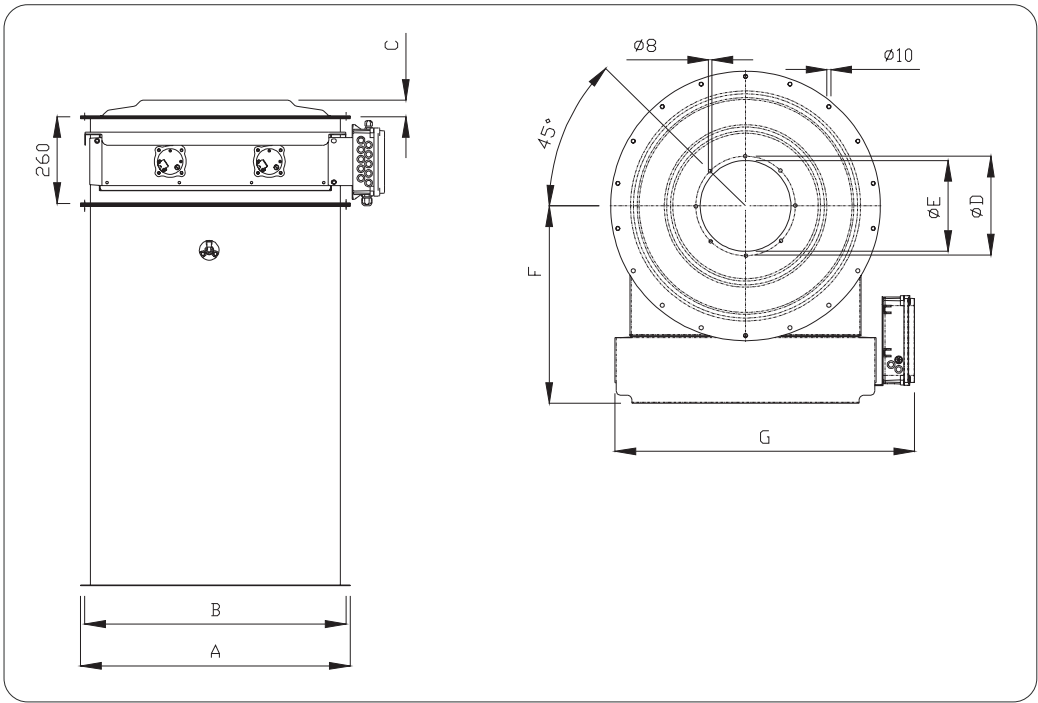
CODE	BODY Ø mm [in]	Filter surface m ² [sq ft]	Air consumption Nm ³ /h	Max. height when closed mm [in]	Max. height when open mm [in]	Weight kg [lb]
FNC3	800 [31.5]	22 [237]	4.5	1,100 [43.3]	1,850 [72.8]	79 [174]

Dimensions in mm

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DESCRIPTION AND TECHNICAL CHARACTERISTICS

Overall Dimensions



Overall Dimensions

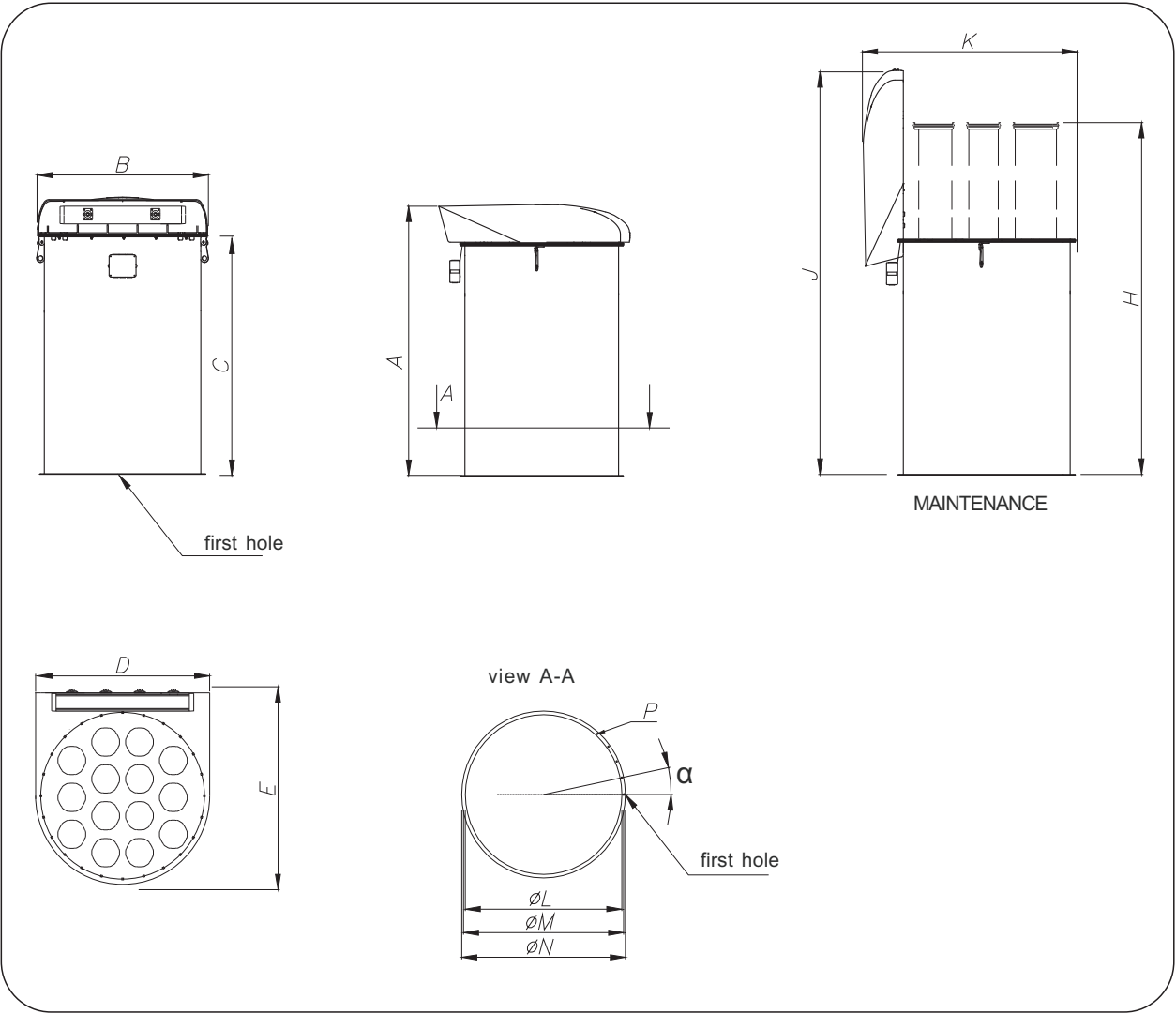
TYPE	Φ	Length	A	B	C	Φ D	Φ E	F	G
FN 2	600	520	653	628	40	242	220	478	726
		770							
		920							
		1360							
		1840							
FN 3	800	520	833	808	50	242	220	573	826
		770							
		920							
		1360							
		1840							
FN 4	1000	520	1088	1063	66	332	270	698	1061
		770							
		920							
		1360							
		1840							

Dimensions in mm

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DESCRIPTION AND TECHNICAL CHARACTERISTICS

Overall Dimensions



Overall Dimensions

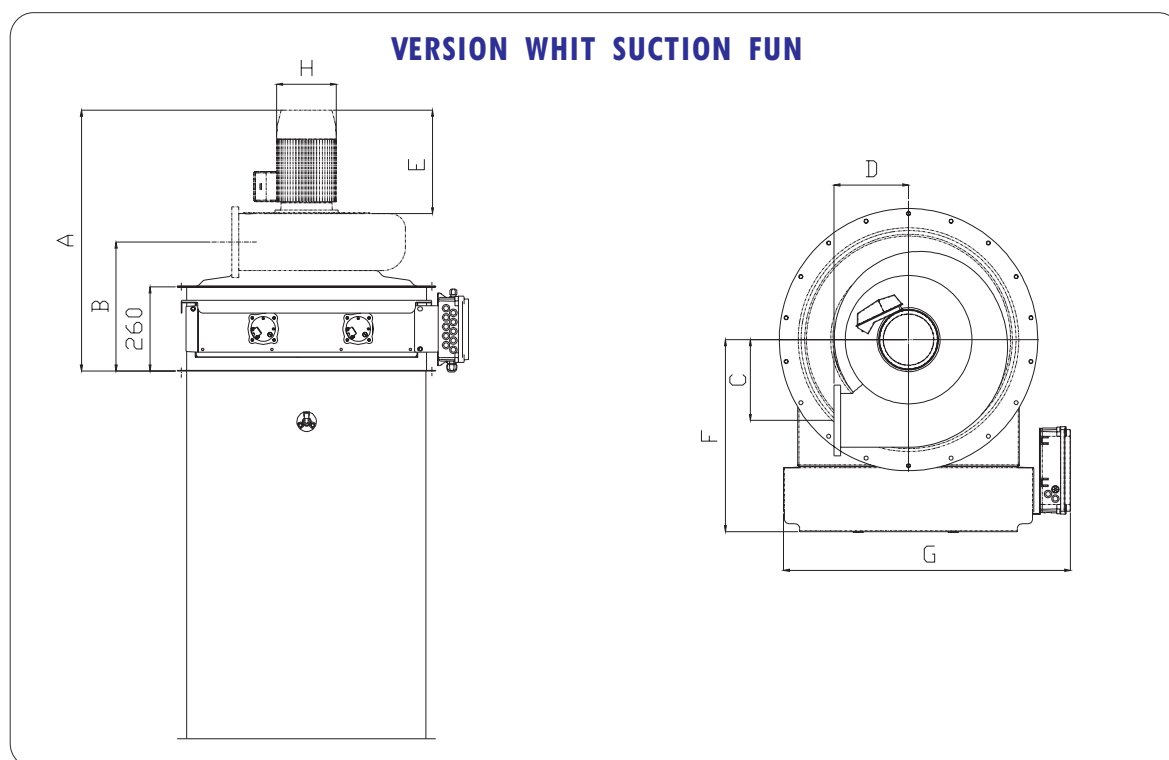
TYPE	Filter surface (m ²)	Filter Elements		A	B	C	D	E	H	J	K	ϕL	ϕM	ϕN	α	P		Weight
		No.	Lenght													N°	Φ	
FNC3J12	11.7	14	520	710	860	526	960	1005	1060	1465	1110	783	808	833	15	24	10	89
FNC3J18	18	14	770	960	860	776	960	1005	1560	1715	1110	783	808	833	15	24	10	97
FNC3J22	22	14	920	1110	860	926	960	1005	1860	1865	1110	783	808	833	15	24	10	103

Dimensions in mm

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Overall Dimensions



Φ	FAN		A	B	C	D	E	F	G	H
	TYPE	power								
600	A	0.75	640	348	201	197	240	478	726	160
	A	1.1	640	348	201	197	240			160
	B	1.1	652	354	238	280	240			160
	B	1.5	697	379	238	280	260			180
	C	2.2	765	393	319	285	280			180
	C	3	805	393	319	285	320			200
800	A	0.75	645	353	201	197	240	573	826	160
	A	1.1	645	353	201	197	240			160
	B	1.1	657	359	238	280	240			160
	B	1.5	677	359	238	280	260			180
	C	2.2	765	393	319	285	280			180
	C	3	805	393	319	285	320			200
	D	4	845	423	357	320	320			210
	D	5.5	910	423	357	385	385			250
1000	A	0.75	670	373	201	197	240	698	1061	160
	A	1.1	670	373	201	197	240			160
	B	1.1	702	379	238	280	240			160
	B	1.5	722	379	238	280	260			180
	C	2.2	810	413	319	285	280			180
	C	3	850	413	319	285	320			200
	D	4	870	443	357	320	320			210
	D	5.5	935	443	357	385	385			250

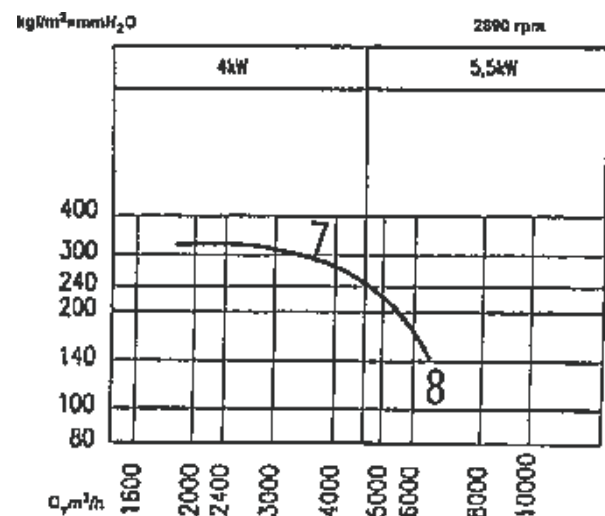
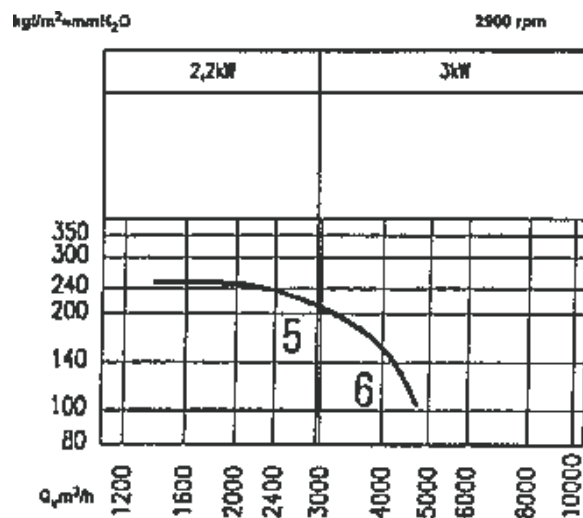
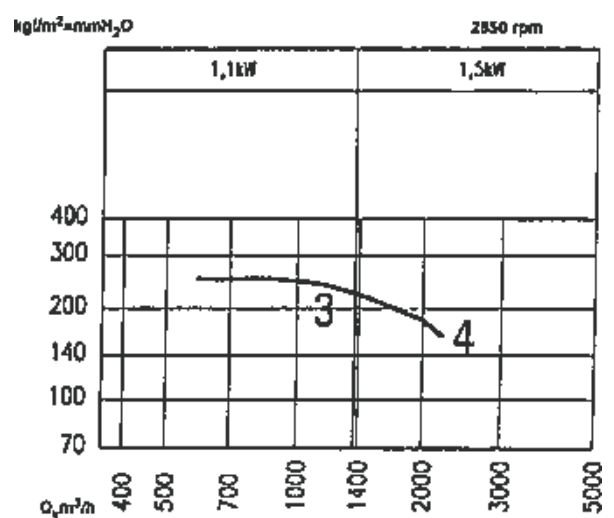
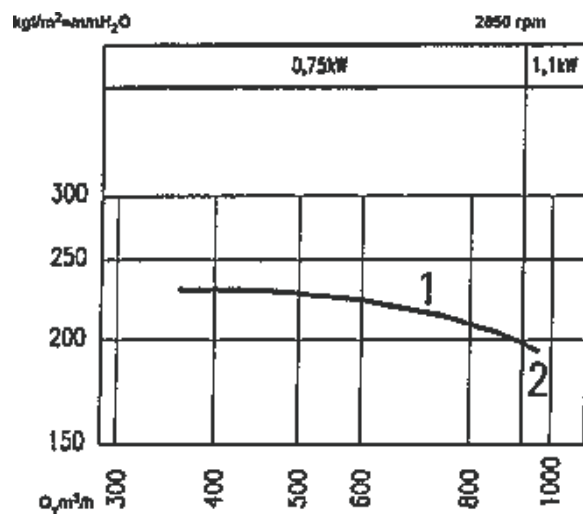
Dimensions in mm

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DESCRIPTION AND TECHNICAL CHARACTERISTICS

Fan performance curves

Air volume flow and pressure curves at filter inlet refer to clean filter elements. When sizing a fan, according to the type of filter, the particle size and dust concentration, a pressure drop of approximately 70 to 100 mm H₂O must be considered.



Dimensions in mm