

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

Collect, filter and dispose up to 60 L of material

FDC is a Fixed Dust Collector and is the filtering stage in a CVS. The Centralized Vacuum System can be used to clean lines, floors and installations during or after working cycles, even continuously; more in general, it is a system able to supply, when necessary, an air flow at certain level of vacuum, for several utilities, even simultaneously, and reach long distances. FDC are also suitable everytime a centralized collection point for a fixed installation is necessary.

Centralized vacuum systems are also used to support production processes, such as collection of metal shavings from working machines to avoid production stops. Thanks to their high potential, fix cleaning systems range are among the most flexible tools of a manufacturing unit. Today, they are integrated into production processes. They work side by side with manufacturing machines, where they generate vacuum with non-stop product recovery, keeping production lines clean and efficient and maintaining products aligned during the packaging process (i.e. toasted bread, sandwiches, etc...). Food & cereals, foundries, ceramics, wood treatment, mechanical industries : fix cleaning installations are present in all industrial sectors. Nilfisk centralized vacuum systems are also available in ATEX certified versions. The systems are composed by a dedicated suction system, calculated in power on exact the task of the customer based on data of material, distance of transport and investigation of the single difficulties of the system This based on the experience of hundreds of systems realized in almost all kind of industries and applications. The automatic filter and discharge unit that allows the efficiency and performance to run the system al day long without power loss and discharge also continuously in a defined position.



Picture shown may not represent model quoted

- Engineered to reach the maximum efficiency of filtration with modular solutions, so to cover almost all customer needs.
- FDC improves the capacity of cleanness and hygiene during and after the production processes.
- FDC's pulse jet cleaning system is very silent and even more efficient
- discharge systems can be customized with several variant and, thanks to the new range of support structure, it has never been so easy to install and adjust the discharging height, accordingly to the type of container.
- Customized solutions according to the needs

• Standard equipment

Model	FDC0507CA6T11	FDC0507CA6T17 Z22
Ref. no.	4587700443	4587700446

PRODUCT FEATURES

ATEX hazardous TYPE 22 approval		•
Filter monitoring system of different technology level	•	
Adjustable discharging height with telescopic feet	•	•
Optional PTFE filters	•	•
Optional platform for frames	•	•
Optional level sensors	•	•
Optional discharge with rotary valve	•	•
Optional stainless steel AISI 304	•	•
Suitable for Combustible dust		•



Collect, filter and dispose up to 60 L of material

Technical specifications	FDC0507CA6T11	FDC0507CA6T17 Z22
Voltage (V)	24Vac/24dc	24Vac/24dc
Frequency (Hz)	50	50
IP protection class	55	55
Max. vacuum (kPa - mbar)	50 - 500	50 - 500
Sound pressure level (dB(A))	97 (*peak)	97 (*peak)
Capacity (l)	60	60
Filter area (cm²)	70.000	70.000
Filter chamber Ø (mm)	560	560
Level sensors n°	2	2
Inlet (mm)	100	100
Length x width x height (cm)	1600x1600x4015	1600x1600x4015
Weight (kg)	270	270
Filter type	Polyester antistatic Class M	Polyester antistatic Class M
Frame type	Telescopic frame for Big Bag	Telescopic frame for Big Bag
Discharge Type	double pneumatic butterfly valve	double pneumatic butterfly valve

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment



Collect, filter and dispose up to 200 L of material

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 - Customized solutions according to the needs
- Standard equipment

Model	FDC0711CA6T11	FDC0711CA6T17 Z22
Ref. no.	4587700444	4587700447

PRODUCT FEATURES

ATEX hazardous TYPE 22 approval		•
Filter monitoring system of different technology level	•	•
Adjustable discharging height with telescopic feet	•	•
Optional PTFE filters	•	•
Optional platform for frames	•	•
Optional level sensors	•	•
Optional discharge with rotary valve	•	•
Optional stainless steel AISI 304	•	•
Suitable for Combustible dust		•



Collect, filter and dispose up to 200 L of material

Technical specifications	FDC0711CA6T11	FDC0711CA6T17 Z22
Voltage (V)	24Vac/24dc	24Vac/24dc
Frequency (Hz)	50	50
IP protection class	55	55
Max. vacuum (kPa - mbar)	500	500
Sound pressure level (dB(A))	97 (*peak)	97 (*peak)
Capacity (l)	200	200
Filter area (cm²)	110.000	110.000
Filter chamber Ø (mm)	780	780
Level sensors n°	2	2
Inlet (mm)	150	150
Length x width x height (cm)	1650x1600x4450	1650x1600x4450
Weight (kg)	350	350
Filter type	Polyester antistatic Class M	Polyester antistatic Class M
Frame type	Telescopic frame for Big Bag	Telescopic frame for Big Bag
Discharge Type	double pneumatic butterfly valve	double pneumatic butterfly valve

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment



Collect, filter and dispose up to 720 L of material

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- Customized solutions according to the needs

• Standard equipment

Model	FDC1232CA6T11	FDC1232CA6T17 Z22
Ref. no.	4587700445	4587700448

PRODUCT FEATURES

ATEX hazardous TYPE 22 approval		•
Filter monitoring system of different technology level	•	•
Optional PTFE filters	•	•
Optional platform for frames	•	•
Optional level sensors	•	•
Optional discharge with rotary valve	•	•
Optional stainless steel AISI 304	•	•
Suitable for Combustible dust		•



Collect, filter and dispose up to 720 L of material

Technical specifications	FDC1232CA6T11	FDC1232CA6T17 Z22
Voltage (V)	24Vac/24dc	24Vac/24dc
Frequency (Hz)	50	50
IP protection class	55	55
Max. vacuum (kPa - mbar)	50 - 500	50 - 500
Sound pressure level (dB(A))	-	-
Capacity (l)	720	720
Filter area (cm²)	320.000	320.000
Filter chamber Ø (mm)	1200	1200
Level sensors n°	2	2
Inlet (mm)	200	200
Length x width x height (cm)	1600x1600x6041	1600x1600x6041
Weight (kg)	543	543
Filter type	Polyester antistatic Class M	Polyester antistatic Class M
Frame type	Telescopic frame for Big Bag	Telescopic frame for Big Bag
Discharge Type	double pneumatic butterfly valve	double pneumatic butterfly valve

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment



7.5 kW of power to do everything you do - anywhere

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● Standard equipment

Model	FSU0806B01M	FSU0806A01M	FSU0806P01M
Ref. no.	4531800338	4531800339	4531800340

PRODUCT FEATURES




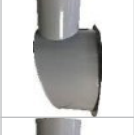

Stackable	●	●	●
Available control panels of different technology level			
Adjustable height with telescopic feet			
Variant with AU filter			
Variant with soundproof internal panels			
Optional eye bolts lifting kit			
Optional covers for ventilation inlet & outlet			
Optional diffuser to convey exhaust air			



7.5 kW of power to do everything you do - anywhere

Technical specifications	FSU0806B01M	FSU0806A01M	FSU0806P01M
Voltage (V)	400	400	400
Frequency (Hz)	50	50	50
IP protection class	55	55	55
Insulation class	F	F	F
Rated power (kW)	7.5	7.5	7.5
Airflow max. (m³/h)	780 (750)	780 (750)	780 (750)
Max. vacuum (kPa - mbar)	25 - 250	25 - 250	25 - 250
Sound pressure level (dB(A))	74 (69)	74 (69)	74 (69)
Upstream HEPA H14 filter (if present) (cm²)	115.000	115.000	115.000
Inlet (mm)	100	100	100
Length x width x height (mm)	820x820x1250	820x820x1250	820x820x1250
Size	S	S	S
Weight (kg)	259	259	259

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	FSU0806B01M	FSU0806A01M	FSU0806P01M
Other						
	COOLING RAINCOVER KIT FSU MEDIUM/BIG	4589300051	1	○	○	○
	COOLING RAINCOVER KIT FSU SMALL	4589300050	1	○	○	○
	FSU LIFTING KIT	4589300056	1	○	○	○
Exhaust Air Collector						
	CONVEYOR+CLAPET OUTDOOR KIT FSU MED/ BIG	4589300053	1	○	○	○
	CONVEYOR+CLAPET OUTDOOR KIT FSU SMALL	4589300052	1	○	○	○

18.5 kW of power to do everything you do - anywhere, even in ATEX locations

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● Standard equipment

Model	FSU0806C01W Z22	FSU0806Z01M Z22	FSU0806I01M Z22
Ref. no.	4531800420	4531800426	4531800432

PRODUCT FEATURES

ATEX hazardous TYPE 22 approval	●	●	●
Stackable	●	●	●
Available control panels of different technology level	●	●	●
Adjustable height with telescopic feet	●	●	●
Variant with AU filter	●	●	●
Variant with soundproof internal panels	●	●	●
Optional eye bolts lifting kit	●	●	●
Optional covers for ventilation inlet & outlet	●	●	●
Optional diffuser to convey exhaust air	●	●	●

Technical specifications	FSU0806C01W Z22	FSU0806Z01M Z22	FSU0806I01M Z22
Voltage (V)	400	400	400
Frequency (Hz)	50	50	50
IP protection class	55	55	55
Insulation class	F	F	F
Rated power (kW)	18.5	18.5	18.5
Airflow max. (m³/h)	680 (653)	680 (653)	680 (653)
Max. vacuum (kPa - mbar)	22.5 - 225	22.5 - 225	22.5 - 225
Sound pressure level (dB(A))	70 (65)	70 (65)	70 (65)








18.5 kW of power to do everything you do - anywhere, even in ATEX locations

Technical specifications

FSU0806C01W Z22 FSU0806Z01M Z22 FSU0806I01M Z22

Upstream HEPA H14 filter (if present) (cm²)	220.000	220.000	220.000
Inlet (mm)	100	100	100
Length x width x height (cm)	102x102x144	102x102x144	102x102x144
Size	M	M	M
Weight (kg)	315	315	315

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	FSU0806C01W Z22	FSU0806Z01M Z22	FSU0806I01M Z22
Exhaust Air Collector						
	CONVEYOR D150 FSU MEDIUM / BIG	4581200639	1	○	○	○
	CONVEYOR D150 FSU SMALL	4581200638	1	○	○	○
	CONVEYOR+CLAPET OUTDOOR KIT FSU MED/ BIG	4589300053	1	○	○	○
	CONVEYOR+CLAPET OUTDOOR KIT FSU SMALL	4589300052	1	○	○	○
Other						
	COOLING RAINCOVER KIT FSU MEDIUM/BIG	4589300051	1	○	○	○
	COOLING RAINCOVER KIT FSU SMALL	4589300050	1	○	○	○
	FSU LIFTING KIT	4589300056	1	○	○	○

12.5 kW of power to do everything you do - anywhere

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● Standard equipment

Model	FSU1310B01M	FSU1310A01M	FSU1310P01M
Ref. no.	4531800341	4531800342	4531800343

PRODUCT FEATURES






Stackable	●	●	●
Available control panels of different technology level	●	●	●
Adjustable height with telescopic feet	●	●	●
Variant with AU filter	●	●	●
Optional eye bolts lifting kit	●	●	●
Optional covers for ventilation inlet & outlet	●	●	●
Optional diffuser to convey exhaust air	●	●	●



12.5 kW of power to do everything you do - anywhere

Technical specifications	FSU1310B01M	FSU1310A01M	FSU1310P01M
Voltage (V)	400	400	400
Frequency (Hz)	50	50	50
IP protection class	55	55	55
Insulation class	F	F	F
Rated power (kW)	12.5	12.5	12.5
Airflow max. (m³/h)	1050 (990)	1050 (990)	1050 (990)
Max. vacuum (kPa - mbar)	29 - 290	29 - 290	29 - 290
Sound pressure level (dB(A))	70 (65)	70 (65)	70 (65)
Upstream HEPA H14 filter (if present) (cm²)	220000	220000	220000
Inlet (mm)	100	100	100
Length x width x height (mm)	1020x1020x1440	1020x1020x1440	1020x1020x1440
Size	M	M	M
Weight (kg)	435	435	435

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	FSU1310B01M	FSU1310A01M	FSU1310P01M
Other						
	COOLING RAINCOVER KIT FSU MEDIUM/BIG	4589300051	1	○	○	○
	COOLING RAINCOVER KIT FSU SMALL	4589300050	1	○	○	○
	FSU LIFTING KIT	4589300056	1	○	○	○
Exhaust Air Collector						
	CONVEYOR+CLAPET OUTDOOR KIT FSU MED/ BIG	4589300053	1	○	○	○
	CONVEYOR+CLAPET OUTDOOR KIT FSU SMALL	4589300052	1	○	○	○

18.5 kW of power to do everything you do - anywhere, even in ATEX locations

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● Standard equipment

Model	FSU1911Z01M Z22
Ref. no.	4531800429

PRODUCT FEATURES

ATEX hazardous TYPE 22 approval	•
Stackable	•
Available control panels of different technology level	•
Adjustable height with telescopic feet	•
Variant with AU filter	•
Variant with soundproof internal panels	•
Optional eye bolts lifting kit	•
Optional covers for ventilation inlet & outlet	•
Optional diffuser to convey exhaust air	•

Technical specifications	FSU1911Z01M Z22
Voltage (V)	400
Frequency (Hz)	50
IP protection class	55
Insulation class	F
Rated power (kW)	18.5
Airflow max. (m³/h)	1125 (1100)
Max. vacuum (kPa - mbar)	38 - 380
Sound pressure level (dB(A))	74 (67)








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Technical specifications

FSU1911Z01M Z22

Upstream HEPA H14 filter (if present) (cm²)	220.000
Inlet (mm)	100
Length x width x height (cm)	102x102x169
Size	L
Weight (kg)	542

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	FSU1911Z01M Z22
Exhaust Air Collector				
	CONVEYOR D150 FSU MEDIUM / BIG	4581200639	1	○
	CONVEYOR D150 FSU SMALL	4581200638	1	○
	CONVEYOR+CLAPET OUTDOOR KIT FSU MED/BIG	4589300053	1	○
	CONVEYOR+CLAPET OUTDOOR KIT FSU SMALL	4589300052	1	○
Other				
	COOLING RAINCOVER KIT FSU MEDIUM/BIG	4589300051	1	○
	COOLING RAINCOVER KIT FSU SMALL	4589300050	1	○
	FSU LIFTING KIT	4589300056	1	○

18.5 kW of power to do everything you do - anywhere, even for ATEX locations

FSU is a Fixed Suction Unit, core of a CVS. The Centralized Vacuum System is a system that can be used to clean lines, floors and installations during or after working cycles, even in non-stop, more in general, is a system suitable to supply, where is necessary, an air flow at certain level of vacuum , for several utilities, even simultaneously, and reach long distances. FSU are also adapt everytime is necessary a suction unit for a fixed intallation, typical other usage are with Dust Cointainment Unit (DCU) and with Pneumatic Conveyor System (PCS)

Centralized vacuum systems are also used to support production processes, such as collection of metal shavings from working machines to avoid production stops.

Thanks to their high potential, fix cleaning systems range among the most flexible tools of a manufacturing unit. Today, they are integrated into production processes. They work side by side with manufacturing machines, where they generate vacuum with non-stop product recovery, keeping production lines clean and efficient and maintaining products aligned during the packaging process (i.e. toasted bread, sandwiches, etc...). Food & cereals, foundries, ceramics, wood treatment, mechanical industries : fix cleaning installations are present in all industrial sectors. Nilfisk centralized vacuum systems are also available in ATEX certified versions. The systems are composed by a dedicated suction system, calculated in power on exact the task of the customer based on data of material, distance of transport and investigation of the single difficulties of the system This based on the experiance of hundreds of systems realized in almost all kind of industries and applications. The automatic filter and discharge unit that allows the efficiency and performance to run the system al day long without power loss and discharge also continously in a defined position.

- engineered to reach the maximum efficiency with modular solutions, to cover almost all customer needs.
- ideal to improve the capacity of cleanness and hygiene during and after the production processes.
- customizable with several accessories
- thanks to the new range of innovative control panels, the system behaviour can fully configured so to satisfy the different customers' needs.
- When is necessary, Nilfisk is also able, in an engineering phase together with the customer, to create a new solution that the customer expect.

● Standard equipment

Model	FSU1910Z01M Z22
Ref. no.	4531800428

PRODUCT FEATURES

ATEX hazardous TYPE 22 approval	•
Stackable	•
Available control panels of different technology level	•
Adjustable height with telescopic feet	•
Variant with AU filter	•
Variant with soundproof internal panels	•
Optional eye bolts lifting kit	•
Optional covers for ventilation inlet & outlet	•
Optional diffuser to convey exhaust air	•

Technical specifications	FSU1910Z01M Z22
Voltage (V)	400
Frequency (Hz)	50
IP protection class	55
Insulation class	F
Rated power (kW)	18.5
Airflow max. (m³/h)	1050 (1013)
Max. vacuum (kPa - mbar)	31 - 310
Sound pressure level (dB(A))	70 (65)







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Technical specifications

FSU1910Z01M Z22

Upstream HEPA H14 filter (if present) (cm²)	220.000
Inlet (mm)	100
Length x width x height (cm)	102x102x144
Size	M
Weight (kg)	415

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	FSU1910Z01M Z22
Exhaust Air Collector				
	CONVEYOR D150 FSU MEDIUM / BIG	4581200639	1	○
	CONVEYOR D150 FSU SMALL	4581200638	1	○
	CONVEYOR+CLAPET OUTDOOR KIT FSU MED/BIG	4589300053	1	○
	CONVEYOR+CLAPET OUTDOOR KIT FSU SMALL	4589300052	1	○
Other				
	COOLING RAINCOVER KIT FSU MEDIUM/BIG	4589300051	1	○
	COOLING RAINCOVER KIT FSU SMALL	4589300050	1	○

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