

PDC413 & DCU111

Portable dust protection built in



NILFISK

Dust containment is non-negotiable

In pharmaceutical manufacturing, a dust-free environment is an absolute must – for your workers' safety, product quality, compliance, and production efficiency.

Effective dust containment is essential to meet regulatory standards and reduce exposure to hazardous powders, which lead to health risks, contamination, and costly rework. With the extension of our existing range, Nilfisk Portable Dust Containment Systems now offer you an even more flexible set of solutions – all designed with your needs built in.

Designed for flexibility

Whether you're running a single production line or a multi-step process, Nilfisk containment systems are built to adapt. Their compact, portable design allows quick reconfiguration across sites and setups, ensuring high-performance containment wherever you need it.

With built-in HEPA14 filtration, OEB5-compliant safety, and a low-maintenance, portable design, it delivers the flexibility your operation demands. From isolating potent compounds to optimizing pharma production lines, Nilfisk helps you build a cleaner, safer, and more efficient future.

PDC413



DCU111



Your flexible dust defense

Protect your team

Safeguard your workers with advanced containment and filtration systems.



High safety design

Engineered for highly potent compounds, with OEB5-compliant protection.



HEPA14 filters

Capture 99.995% of airborne contaminants, reducing exposure risk.



User safety features

Smart design elements like level sensors, a new safe material discharging system, and optional maintenance trays ensure safe handling.



A safer pharmaceutical workplace begins with effective dust containment.

Ensure product quality

Maintain the integrity of pharmaceutical products through efficient, consistent dust capture.



High cyclone efficiency

Over 98% filtration of fine powders using advanced cyclone technology.



Engineered for safe containment

A consistent and stable suction performance contributes to the quality of the final product.



Optimized pharma processes

Reliable performance through granulation, micronization, tableting, and capsule filling.



Supports safe, efficient, and compliant production environments.

Enhance productivity

Boost operational performance with high-efficiency, low-maintenance dust containment.



Reduced downtime

Filterless cyclone pre-stage captures material early, protecting and extending HEPA filter life and minimizing downtime.



Ease of use

Intuitive operation with minimal training required.



Quick maintenance

Fast filter access and simplified service design.



Reliable performance

Consistent output with minimal interruptions.

Keep your operations running smoothly with built-in efficiency.



Stay compliant

Ensure full adherence to regulatory requirements and environmental goals.



Regulatory compliance

Fully aligned with GMP and pharmaceutical safety standards.



Sustainable design

Durable design and extended filter life reduce waste.



Energy efficiency

Optimized power usage balances performance and compliance.



*Designed to meet
the standards that
matter most.*

The Nilfisk difference

Portable protection that fits your operation.

Nilfisk portable dust containment systems help you:

- Protect your workers
- Improve product integrity
- Enhance operational efficiency
- Meet industry standards

Master description	Unit	DCU111V10 SC	DCU111V10 SC R9003	DCU111C00 R9003	DCU111V11 SC SMD	DCU111V10 R9003
Model n°		4072200880	4072200881	4072200882	4072200883	4072200888
Max airflow	M3/H – L/M	470 - 7.833	470 - 7.833	470 - 7.833	470 - 7.833	470 - 7.833
Airflow with 3 meters hose	M3/H – L/M	400 - 6.666	400 - 6.666	400 - 6.666	v400 - 6.666	400 - 6.666
Max. vacuum	kPa - mbar	99,9 - 999	99,9 - 999	99,9 - 999	99,9 - 999	99,9 - 999
Filter		HEPA14	HEPA14	HEPA14	HEPA14	HEPA14
Filter area	cm²	50.000	50.000	50.000	50.000	50.000 1
Inlet	mm	70	70	70	70	70
Inlet Type		tri-clamp 3"	tri-clamp 3"	tri-clamp 3"	tri-clamp 3"	tri-clamp 3"
Contianer capacity	L	21	21	21	21	21
Disposal system		Butterfly valve 6"	Butterfly valve 6"	Clapet valve 150 mm	SMD	Butterfly valve 6"
Dimensions, W x L x H	mm	725x930x1868	725x930x1868	725x930x1868	725x930x1868	725x930x1868
Weight	kg	100	100	100	100	100

Master description	Unit	PDC413BC00 R9003	PDC413BV00 R9003	PDC413AC11 SC	PDC413VA11 SC
Model n°		4030801263	4030801264	4030801261	4030801262
Voltage	V	400	400	400	400
Frequency	HZ	50	50	50	50
IP protection class		55	55	55	55
Insulation class		I	I	I	I
Rated power	kW	4	4	4	4
Max airflow	M3/H – L/M	470 - 7.833	470 - 7.833	470 - 7.833	470 - 7.833
Airflow with 3 meters hose	M3/H – L/M	400 - 6.666	400 - 6.666	400 - 6.666	400 - 6.666
Max. vacuum	kPa - mbar	19 - 190	19 - 190	19 - 190	19 - 190
Sound pressure level	dB(A)	72	72	72	72
Contianer capacity	L	14	21	14	21
Disposal system		Clapet valve 150 mm	Butterfly valve 6'	Clapet valve 150 mm	Butterfly valve 6'
Upstream filter area (HEPA14)	cm²	50.000	50.000	50.000	50.000
Downstream filter area (HEPA14)	cm²	21.000	21.000	21.000	21.000
Inlet	mm	70	70	70	70
Inlet Type		tri-clamp 3"	tri-clamp 3"	tri-clamp 3"	tri-clamp 3"
Dimensions, W x L x H	mm	669x1390x1902	669x1390x1902	669x1390x1902	669x1390x1902
Weight	kg	185	185	185	185

Learn more about the full range at nilfisk.com

Nilfisk A/S

Marmorvej 8 · 2100 Copenhagen Ø · Denmark
Tel. +45 43 23 81 00 · mail.com@nilfisk.com
www.nilfisk.com

NILFISK