

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.

Your flexible dust defense

PDC413



DCU111



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
- Enhance operational efficiency
- Improve product integrity
- 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	cfm	277	277	277	277	277
Airflow with 3 meters hose	cfm	235	235	235	235	235
Max. vacuum	in. H ₂ O	401	401	401	401	401
Filter		HEPA14	HEPA14	HEPA14	HEPA14	HEPA14
Filter area	sq ft	54	54	54	54	54
Inlet	mm	70	70	70	70	70
Container capacity	L	21	21	14	21	21
Disposal system		Butterfly valve 6"	Butterfly valve 6"	Clapet valve 150 mm	SMD	Butterfly valve 6"
Dimensions, W x L x H	in.	29x37x74	29x37x74	29x37x74	29x37x74	29x37x74
Weight	lb	220.5	220.5	220.5	220.5	220.5
OEB level operation		OEB5	OEB5	OEB5	OEB5	OEB5
OEB level maintenance		OEB4-OEB5	OEB4-OEB5	OEB4-OEB5	OEB4-OEB5	OEB4-OEB5

Master description	Unit	PDC413VA11N4 SC SMD
Model n°		4030801273
Voltage	V	460
Frequency	HZ	60
IP protection class		55
Insulation class		I
Rated power	kW	4.6
Max airflow	cfm	293
Airflow with 3 meters hose	cfm	247
Max. vacuum	in. H ₂ O	104
Sound pressure level	dB(A)	70
Container capacity	L	21
Disposal system		Butterfly valve 6"
Upstream filter area (HEPA14)	sq ft	54
Downstream filter area (HEPA14)	sq ft	23
Inlet	mm	70
Dimensions, W x L x H	in.	26.3x54.7x74.9
Weight	lb	408
OEB level		OEB5
Min-max OEB level maintenance		OEB4-OEB5
Power cord length	ft	30

Learn more about the full range at nilfisk.us

Nilfisk US

9435 Winnetka Ave N
Brooklyn Park, MN 55445
Phone 800-850-5559
www.nilfisk.us

Nilfisk Canada

240 Superior Blvd Mississauga
Ontario, Canada L5T 2L2
Phone 800-668-8400
www.nilfisk.ca

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