

FilterBox 10A NANO

Automatically cleaned for light to medium dust & fume applications.

FilterBox 10A NANO



When mobility, flexibility and a compact footprint is key, a mobile solution is often the best way to avoid contaminant exposure. Nederman FilterBox range of mobile dust and fume extraction units are easy to move around your factory to wherever the extraction is needed. The wide product range makes it easy to find a model with the capacity, features and filter type needed.

The FilterBox 10A+ is equipped with a N24 fan for a maximum air flow capacity of 1 000 m³/h (600 CFM). The nanofiber media technology utilized in the extra large 17m² (183 ft²) cartridge is ideal for frequent welding. It offers significant performance advantages like higher efficiency and surface loading properties which results in more effective filter cleaning and longer cleaning intervals. Advantages that will impose benefits in terms of filter life, productivity and lower cost of ownership.

The unit has an advanced filter control system indicating the pressure drop with a series of LED's as well as on the LCD display. When the air flow is too low an aural alarm precedes the automatic, motorized compressed air cleaning sequence. An integrated silencer reduces noise from the fan and outlet air. Additional protection from harmful particles is provided if a HEPA filter is installed (optional). FilterBox 10A+ is available as a mobile unit on wheels but can be fixed mounted with an accessory kit.

Note! FilterBox is not for use in environments where combustible dust or gases are present, and it is not for use in filtering combustible dust or gases.

- Automatically operated filter cleaning with compressed air for long filter life.
- LCD panel with operating status and menu system for parameter setup and settings.

Possibility to connect a welding sensor clamp to automatically start the fan.

- Automatic damper preventing dust from leaking out while cleaning.
- Dust free filter replacement and emptying of dust bin.
- MERV 15 rated filter *ASHRAE Standard 52.2, 2017, third party tested.

Approved for welding fumes category W3 according to EN 15012-1, third party.


Product name	FilterBox 10A NANO
Noise level (dB(A))	66
Protection class	IP 54
Filter efficiency (%)	99,9
Installation	[Indoor]

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Material	Casing in rotomoulded plastic
Dustbin volume (l)	15
Extraction arm diameter (mm)	160
Airflow (m ³ /h)	1000
Filter Area (m ²)	17
Frequency (Hz)	50
Filter type	[cartridge]
Number of filter elements	1
Filter material	Nanofiber
Electric plug	without
Mounting	[mobile]
Max airflow (m ³ /h)	1000
Weight (kg)	102
Filter cleaning method	Compressed air
Note	Filter class F9 (EN779), MERV 15 (ASHRAE 52.2)
Filter Area (m ²)	











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Image	Description	Arm length (m)	Power Voltage (V)	No of phases	Power (kW)	Model
	FilterBox 10A NANO	3 (Original)	110	1	0,75	12694963*
		Without	400	3	0,9	12695763*
		3 (Original)	230	1	0,75	12694863*
		3 (Original)	400	3	0,9	12694763*

*Filter class F9 (EN779), MERV 15 (ASHRAE 52.2)

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	Accessory	Part No
	Filter NANO-FB-17	12377251
	Filter PTFE-FB-13	12377252
	Sensor Clamp	14372199
	HEPA filter H14 10m2 Filterbox	12376756
	LED light/fan switch Original	10376922
	Spark protection for Original/NEX MD-hood	10551335
	HEPA filter H13 10m2 Filterbox	12376615
	Spotlight original, (LED) 24V, 5W	12376616*
	Bags for Filterbox dust bin, 10pcs	12376618
	Outlet with duct connection D=200mm	12376749
	Twin Module blue	12376801

*Switch for light (no fan start)