Product leaflet

FilterBox 12A ePTFE

Automatically cleaned for medium to heavy welding fumes and for applications like sticky and hygroscopic non-combustible dust.



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FilterBox 12A ePTFE

- Automatically operated, mechanical and pneumatic filter cleaning for long filter life.
- LCD panel with operating status and menu system for parameter setup and settings. Integrated LED light with switch for fan and light on the hood.
- Possibility to connect a pneumatic tool, electric 1-ph. tool or welding sensor clamp to automatically start the fan.
- Light and fan switch on hood. Automatic damper preventing dust from leaking out while cleaning. Dust free filter replacement and emptying of dust bin.
- Filter efficiency E11 (EN1822), MERV 16 (ASHRAE 52.2, 2017). Approved for welding fumes category W3 according to ISO 219 04-1, third party tested.

When mobility, flexibility and a compact footprint is key, a mobile solution is the 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 12A++ is equipped with a powerful fan for a maximum air flow capacity of 1 200 m3/h (700 CFM). The ePTFE media technology utilized in the 13m2 (140ft2) cartridge is ideal for demanding dust or fume applications. 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 audial alarm precedes the automatic, motorized cleaning sequence. For dust applications, the unit is cleaned mechanically. For welding fumes it uses a combination of mechanical and compressed air cleaning. 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 12A++ 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.

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FilterBox 12A ePTFE

Arm length (m)	3
Power voltage (V)	400
Frequency (Hz)	50
No of phases	3
Filter type	Cartridge
Number of filter elements	1
Electric plug	without
[ItemMounting]	[mobile]
Weight (kg)	115
Filter cleaning method	Mechanical, Compressed air
Power (kW)	2,2
Extraction method	extraction arm
Filter change indication	False
Fume and dust application (application type)	Medium-Heavy
Filter area (m²)	13

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Models

	Item no
	12692563[1]
	12692463[1]

[1] Filter class E11 (EN1822), MERV 16 (ASHRAE 52.2)

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Accessories

	Accessory	Item no
	FilterBox ePTFE High Efficiency Replacement filter. 13m² (140 ft2).	12377252
	Filter NANO-FB-17	12377251
	Outlet with duct connection D=200mm	12376749
	Spotlight original, (LED) 24V, 5W	12376616
	Spark protection for Original hood and for NEX MD hood	10551335
	LED light/fan switch for Original hood	10376922
	HEPA filter H13 10m2 Filterbox	12376615
	HEPA filter H14 10m2 Filterbox	12376756

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