

# FilterBox 10M Plus

Manually cleaned for light to medium dust & fume applications.

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## FilterBox 10M Plus



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 FilterBox 10M+ is equipped with a 10 ft, 6" Original extraction arm with spark protector and a N24 fan for a maximum air flow capacity of 600 CFM (1 000 m<sup>3</sup>/h). The nanofiber media technology utilized in the extra large 183 ft<sup>2</sup> (17 m<sup>2</sup>) cartridge is ideal for welding. It offers significant performance advantages like higher efficiency (MERV 15) 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 a filter supervision system which indicates with an audible alarm when the air flow is too low and is equipped with 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 10M+ 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.

- Manually operated filter cleaning with compressed air.
- 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 tested.

Product name	FilterBox 10M Plus
Protection class	IP54
Installation	[Indoor]
Material	Casing in rotomoulded plastic
Suitable for combustible dust	False
Application	[fumes]
Dustbin volume (gal)	4
Extraction arm diameter (in)	6
Filter Area (ft <sup>2</sup> )	183
Arm length (ft)	3 (Original)
Power Voltage (V)	110
Frequency (Hz)	60
No of phases	1

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Filter type	[cartridge]
Number of filter elements	1
Filter material	Nanofiber
Mounting	[mobile]
Filter cleaning method	[CompressedAir]






Fumes

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Description	[model]
FilterBox 10M+	12645063

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[accessory]		[partno]
	Standard main filter for FilterBox	12332672
	Ultra high efficiency HEPA secondary filter for FilterBox, HE15	12376756
	Sensor Clamp	14372199
	Floor Mount Conversion Kit	89299233
	Wall Mount Kit	89299136