

FilterBox 12A Plus

Automatic cleaning for heavy duty welding fume and dust applications

FilterBox 12A 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 12A+ is equipped with a 10 ft, 8" NEX-HD extraction arm with spark protector and a N27 fan for a maximum air flow capacity of 700 CFM (1 200 m³/h). The nanofiber media technology utilized in the extra large 183 ft² (17 m²) cartridge is ideal for use in production welding such as MIG welding, TIG welding and other GMAW welding methods. 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. Benefits to your welding shop are increased filter life, improved productivity and lower cost of ownership.

The unit has an advanced filter control system indicating the filter load with a series of LED's as well as differential pressure shown on the LCD display. When the air flow is too low an audible alarm sounds to indicate an automatic, motorized compressed air cleaning sequence will begin. An integrated silencer reduces noise from the fan and outlet air. Additional protection from harmful particles, such as hexavalent chromium from stainless steel welding, is provided when the optional HEPA filter is installed.

FilterBox 12A+ is available as a mobile unit on wheels or can be stationary 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.
- 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 12A Plus
Noise level (dB(A))	68
Protection class	IP 54
Installation	[Indoor]
Material	Casing in rotomoulded plastic
Application	[fumes]

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Dustbin volume (gal)	4
Extraction arm diameter (in)	8
Airflow (CFM)	700
Filter Area (ft ²)	183
Arm length (ft)	10 (NEX HD)
Power Voltage (V)	110
Frequency (Hz)	60
No of phases	1
Filter type	[cartridge]
Number of filter elements	1
Filter material	Nanofiber
Electric plug	[without]
Mounting	[mobile]
Weight (lbs)	271
Filter cleaning method	[CompressedAir]
Power (Hp)	1.5



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[image]	Description	[model]
	FilterBox 12 A+ NANO Pneumatic 1/110/60 mobile	12645263

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	[accessory]	[partno]
	Filter PTFE-FB-13	12377252
	Filter NANO-FB-17	12377251
	Trolley for Filterbox	12376841
	Sensor Clamp	14372199
	Standard main filter for FilterBox	12332672
	Ultra high efficiency HEPA secondary filter for FilterBox, HE15	12376756
	Floor Mount Conversion Kit	89299233
	Wall Mount Kit	89299136
	Bags for Filterbox dust bin, 10pcs	12376618
	HEPA filter H13 10m2 Filterbox	12376615
	LED light/fan switch Original	10376922
	Spotlight original, 24V, 5W	12376616*

*Switch for light (no fan start)