

# FilterBox Twin A Plus

Automatically or manually cleaned for dust & fume applications.

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## FilterBox Twin A 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.

Ideal for use in MIG welding, TIG welding, and other GMAW welding methods, the FilterBox TWIN A+ is equipped with two 10 ft, 6" NEX-MD extraction arms with spark protectors and a powerful 3.0 hp (2.2 kW) N29 fan for a maximum air flow capacity of 2 x 500 CFM (2 x 850 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 frequent 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 an advanced filter control system indicating the filter load with a series of LED's as well as differential pressure readings on the LCD display. When the air flow is too low an audible alarm warns the start of the automatic, motorized compressed air cleaning sequence. 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 if a HEPA filter is installed (optional).

FilterBox Twin A+ is available as a mobile unit on wheels but can be a floor mounted filter or wall mounted filter 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.

- User friendly and superior filter cleaning, mechanical and/or with compressed air for long filter life
- Automatic damper preventing dust from leaking out while cleaning
- Dust free filter replacement and emptying of dust bin
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- Approved for welding fumes category W3 according to EN 15012-1, third party tested.

Product name	FilterBox Twin A Plus
Noise level (dB(A))	78
Protection class	IP 54
Filter efficiency (%)	99,9
Compressed air requirement	DIN ISO 8573-1, class 5/5/4 (7 bar)
Installation	Indoor
Material	Casing in rotomoulded plastic

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Suitable for combustible dust	False
Application	Fumes
Dustbin volume (gal)	4
Extraction arm diameter (in)	6
Airflow (CFM)	1001
Filter Area (ft <sup>2</sup> )	140
No of phases	3
Filter type	Cartridge
Number of filter elements	1
Electric plug	Without
Max airflow (m <sup>3</sup> /h)	1700



Fumes













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Image	Description	Arm length (ft)	Power Voltage (V)	Frequency (Hz)	Filter material	Mounting	Weight (lbs)	Filter cleaning method	Power (Hp)	Filter Area (ft <sup>2</sup> )	Model
	FilterBox Twin M	10 (Original)	400	50	Polyester PW13	Mobile	291	Mechanical, Compressed air	3.0 (2.2 Kw)		12666563*
	FilterBox Twin M	10 (Original)	230	50	Polyester PW13	Mobile	291	Mechanical, Compressed air	3.0 (2.2 Kw)		12666363*
	FilterBox Twin M	10 (Original)	230	50	Polyester PW13	Floor mounted	284	Mechanical, Compressed air	3.0 (2.2 Kw)		12666463*
	FilterBox Twin M	10 (Original)	400	50	Polyester PW13	Floor mounted	284	Mechanical, Compressed air	3.0 (2.2 Kw)		12666663*
	FilterBox Twin	3 (Original)	200	50	Polyester PW13	Floor mounted		Mechanical, Compressed air	2,2		12666863
	FilterBox Twin A+, Automatic Cleaning	3 (Original)	230	50	Nanofiber	Mobile	132	Compressed air	2,2	17	12693363**
	FilterBox Twin A+, Automatic Cleaning	3 (Original)	230	50	Nanofiber	Floor mounted	129	Compressed air	2,2	17	12693463**
	FilterBox Twin A+, Automatic Cleaning	3 (Original)	400	50	Nanofiber	Mobile	132	Compressed air	2,2	17	12693563**
	FilterBox Twin A+, Automatic Cleaning	3 (Original)	400	50	Nanofiber	Floor mounted	129	Compressed air	2,2	17	12693663**
	FilterBoxTwin A+	10 (NEX MD)	230	60	Nanofiber	Mobile	322	Compressed air	3		12645463
	FilterBoxTwin A+	10 (NEX MD)	460	60	Nanofiber	Mobile	322	Compressed air	3		12645563
	FilterBoxTwin A+	10 (NEX MD)	575	60	Nanofiber	Mobile	322	Compressed air	3		12645663

\*Mechanical filter cleaning only. Not possible to use with sensor clamp or fan switch on hood.

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

## FilterBox Twin A Plus

Accessory		Part No
	Outlet with duct connection D=200mm	12376749
	Spotlight original, 24V, 5W	12376616*
	LED light/fan switch Original	10376922
	Sensor Clamp	14372199
	Handle eQ Filterbox	12376617
	Spark protection for Original/NEX MD-hood	10551335
	Standard main filter for FilterBox	12332672
	High efficiency main filter for FilterBox, HE15	12371106
	Anti-static high efficiency main filter for FilterBox, HE15	12371412
	HEPA filter H13 10m2 Filterbox	12376615
	Ultra high efficiency HEPA secondary filter for FilterBox	12376756
	Bags for Filterbox dust bin, 10pcs	12376618
	Filter NANO-FB-17	12377251
	Filter PTFE-FB-13	12377252
	Floor Mount Conversion Kit	89299233
	Wall Mount Kit	89299136
	Trolley for Filterbox	12376841

\*Switch for light (no fan start)

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