

FilterBox Twin

Manually or Automatically cleaned for dust & fume applications.

FilterBox Twin



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 TWIN is equipped with two extraction arms and a powerful 2.2 kW (3.0 hp) N29 fan for a maximum air flow capacity of 2 x 850 m³/h (2 x 500 CFM). The FilterCart Twin M is delivered with a manually cleaned Polyester filter and the TWIN A+ is delivered with an extra large, automatically cleaned nanofiber filter, ideal for frequent welding. The nanofiber media technology utilized in the TWIN A+ 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.

On the TWIN M there is an alarm that indicates when the air flow is too low and the filter is manually cleaned through a combination of mechanical and compressed air cleaning.

On the TWIN A+ there is 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 TWIN is available as a mobile unit on wheels or a fixed mount unit.

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.

- Manual or Automatically operated filter cleaning for long filter life.
- On Twin A+ there is a 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
- Approved for welding fumes category W3 according to EN 15012-1, third party tested.

Product name	FilterBox Twin
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)

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	bar)
Installation	Indoor
Material	Casing in rotomoulded plastic
Suitable for combustible dust	False
Application	Fumes
Dustbin volume (l)	15
Extraction arm diameter (mm)	160
Airflow (m ³ /h)	1700
Filter Area (m ²)	13
No of phases	3
Filter type	Cartridge
Number of filter elements	1
Electric plug	Without
Max airflow (m ³ /h)	1700
Power (kW)	2,2



Fumes

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Image	Description	Arm length (m)	Power Voltage (V)	Frequency (Hz)	Filter material	Mounting	Weight (kg)	Filter cleaning method	Filter Area (m ²)	Model
	FilterBox Twin, Manual Cleaning	3 (Original)	400	50	Polyester PW13	Mobile	132	Mechanical ,Compressed air		12666563*
	FilterBox Twin, Manual Cleaning	3 (Original)	230	50	Polyester PW13	Mobile	132	Mechanical ,Compressed air		12666363*
	FilterBox Twin, Manual Cleaning	3 (Original)	230	50	Polyester PW13	Floor mounted	129	Mechanical ,Compressed air		12666463*
	FilterBox Twin, Manual Cleaning	3 (Original)	400	50	Polyester PW13	Floor mounted	129	Mechanical ,Compressed air		12666663*
	FilterBox Twin, Manual Cleaning	3 (NEX MD)	230	60	Polyester PW13	Mobile	132	Mechanical ,Compressed air		12667363*
	FilterBox Twin, Manual Cleaning	3 (NEX MD)	230	60	Polyester PW13	Floor mounted	129	Mechanical ,Compressed air		12667463*
	FilterBox Twin, Manual Cleaning	3 (NEX MD)	460	60	Polyester PW13	Mobile	132	Mechanical ,Compressed air		12667563*
	FilterBox Twin, Manual Cleaning	3 (NEX MD)	460	60	Polyester PW13	Floor mounted	129	Mechanical ,Compressed air		12667663*
	FilterBox Twin, Manual Cleaning	3 (Original)	200	60	Polyester PW13	Mobile	132	Mechanical ,Compressed air		12667963*
	FilterBox Twin, Manual Cleaning	3 (Original)	200	60	Polyester PW13	Floor mounted	129	Mechanical ,Compressed air		12668063*
	FilterBox Twin, Manual Cleaning	3 (Original)	200	50	Polyester PW13	Mobile	132	Mechanical ,Compressed air		12666763*
	FilterBox Twin	3 (Original)	200	50	Polyester PW13	Floor mounted		Mechanical ,Compressed air		12666863
	FilterBox Twin A+, Automatic Cleaning	3 (Original)	230	50	Nanofiber	Mobile	132	Compressed air	17	12693363**
	FilterBox Twin A+, Automatic Cleaning	3 (Original)	230	50	Nanofiber	Floor mounted	129	Compressed air	17	12693463**
	FilterBox Twin A+, Automatic Cleaning	3 (Original)	400	50	Nanofiber	Mobile	132	Compressed air	17	12693563**













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Image	Description	Arm length (m)	Power Voltage (V)	Frequency (Hz)	Filter material	Mounting	Weight (kg)	Filter cleaning method	Filter Area (m ²)	Model
	FilterBox Twin A+, Automatic Cleaning	3 (Original)	400	50	Nanofiber	Floor mounted	129	Compressed air	17	12693663**
	FilterBox Twin A+, Automatic Cleaning	3 (NEX MD)	230	60	Nanofiber	Mobile	132	Compressed air	17	12693763**
	FilterBox Twin A+, Automatic Cleaning	3 (NEX MD)	230	60	Nanofiber	Floor mounted	129	Compressed air	17	12693863**
	FilterBox Twin A+, Automatic Cleaning	3 (NEX MD)	460	60	Nanofiber	Mobile	132	Compressed air	17	12693963**
	FilterBox Twin A+, Automatic Cleaning	3 (Original)	200	60	Nanofiber	Mobile	132	Compressed air	17	12694163**
	FilterBox Twin A+, Automatic Cleaning	3 (Original)	200	60	Nanofiber	Floor mounted	129	Compressed air	17	12694263**
	FilterBox Twin A+, Automatic Cleaning	3 (Original)	200	50	Nanofiber	Mobile	132	Compressed air	17	12694363**
	FilterBox Twin A+, Automatic Cleaning	3 (Original)	200	50	Nanofiber	Floor mounted	129	Compressed air	17	12694463**

*Manual 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

Accessory		Part No
	Outlet with duct connection D=200mm	12376749
	Spotlight original, (LED) 24V, 5W	12376616*
	LED light/fan switch Original	10376922
	Sensor Clamp	14372199
	Handle eQ Filterbox	12376617
	Spark protection for Original/NEX MD-hood	10551335
	Filter-PW-FB-13	12332672
	Filter-PW HE-FB-15	12371106
	Filter PWA-FB-15	12371412
	HEPA filter H13 10m2 Filterbox	12376615
	HEPA filter H14 10m2 Filterbox	12376756
	Bags for Filterbox dust bin, 10pcs	12376618
	Filter NANO-FB-17	12377251
	Filter PTFE-FB-13	12377252

*Switch for light (no fan start)

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