

# FilterBox 12A

Automatically cleaned for medium to heavier dust & fume applications.

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## FilterBox 12A



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 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 m<sup>3</sup>/h (700 CFM) and is ideal for medium frequency dust or fume applications.

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 aural alarm precedes the automatic, motorized compressed air 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 12M 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.

- Automatically operated, mechanical and pneumatic filter cleaning for long filter life.
- LCD panel with operating status and menu system for parameter setup and settings.
- Possibility to connect a welding sensor clamp to automatically start the fan.
- Automatic damper preventing dust from leaking out while cleaning.

- Dust free filter replacement and emptying of dust bin.
- Filter efficiency M6 (EN779), MERV 11 (ASHRAE 52.2, 2017).

Approved for welding fumes category W3 according to EN 15012-1, third party tested.

Product name	FilterBox 12A
Noise level (dB(A))	74
Protection class	IP 54
Filter efficiency (%)	99
Compressed air requirement	DIN ISO 8573-1, class 5/5/4 (7 bar)
Installation	Indoor
Material	Casing in rotomoulded plastic

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Dustbin volume (l)	15
Extraction arm diameter (mm)	160
Airflow (m <sup>3</sup> /h)	1200
Filter Area (m <sup>2</sup> )	13
Filter type	Cartridge
Number of filter elements	1
Filter material	Polyester PW13
Electric plug	Without
Max airflow (m <sup>3</sup> /h)	1200
Filter cleaning method	Mechanical, Compressed air
Note	Only available in Norway
Filter Area (m <sup>2</sup> )	



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










Image	Description	Arm length (m)	Power Voltage (V)	Frequency (Hz)	No of phases	Mounting	Weight (kg)	Power (kW)	Model
	FilterBox 12 A	3 (Original)	400	50	3	Mobile	115	2,2	12662563
	FilterBox 12 A	3 (Original)	200	50	3	Mobile	115	2,2	12679663
	FilterBox 12 A	3 (Original)	200	50	3	Floor mounted	112	2,2	12679763
	FilterBox 12 A	3 (Original)	230	50	3	Mobile	115	2,2	12662363*
	FilterBox 12 A	3 (Original)	230	50	3	Floor mounted	112	2,2	12662463*
	FilterBox 12 A	3 (Original)	400	50	3	Floor mounted	112	2,2	12662663
	FilterBox 12 A	3 (NEX MD)	230	60	3	Mobile	115	2,2	12663763
	FilterBox 12 A	3 (NEX MD)	230	60	3	Floor mounted	112	2,2	12663863
	FilterBox 12 A	3 (NEX MD)	460	60	3	Mobile	115	2,2	12663963
	FilterBox 12 A	3 (NEX MD)	460	60	3	Floor mounted	112	2,2	12664063
	FilterBox 12 A	3 (Original)	200	60	3	Mobile	115	2,2	12664363
	FilterBox 12 A	3 (Original)	200	60	3	Floor mounted	112	2,2	12664463
	FilterBox 12 A	3 (NEX MD)	120	60	1	Mobile	115	2,2	12664563
	FilterBox 12 A	3 (NEX MD)	120	60	1	Floor mounted	112	2,2	12664663
	FilterBox 12 A	Without	400	50	3	Mobile	115	2,2	12687163

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Image	Description	Arm length (m)	Power Voltage (V)	Frequency (Hz)	No of phases	Mounting	Weight (kg)	Power (kW)	Model
	FilterBox 12 A.	Without	400	50	3	Floor mounted	112	2,2	12685263
		without	115	60	1	Mobile	115	2,2	12687963
	Filterbox 12A	3 (Original)	380	60	3	Mobile	115	2,2	12689363
	FilterBox 12A	without	120	60	1	Floor mounted	112	2,2	12688063
	FilterBox 12A	without	230	60	3	Floor mounted	112	2,2	12688163
	FilterBox 12A	without	460	60	3	Floor mounted	112	1,5	12688263

*\*Only available in Norway*

## FilterBox 12A

	Accessory	Part No
	Outlet with duct connection D=200mm	12376749
	Spotlight original, (LED) 24V, 5W	12376616*
	LED light/fan switch Original	10376922
	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
	Bags for Filterbox dust bin, 10pcs	12376618
	HEPA filter H14 10m2 Filterbox	12376756
	Sensor Clamp	14372199
	Twin Module blue	12376801
	Filter NANO-FB-17	12377251
	Filter PTFE-FB-13	12377252

\*Switch for light (no fan start)

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