

FilterBox 12M

Manually cleaned for medium to heavier dust & fume applications.

FilterBox 12M



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 12M is equipped with a powerful fan for a maximum air flow capacity of 1 200 m³/h (700 CFM) and is ideal for medium frequency dust or fume applications.

The unit has a filter supervision system which indicates with an aural alarm when the air flow is too low. 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.

- Manually operated, mechanical and pneumatic filter cleaning for long filter life.
- 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 12M
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
Dustbin volume (l)	15
Extraction arm diameter (mm)	160
Airflow (m ³ /h)	1200
Filter Area (m ²)	13
Filter type	Cartridge
Number of filter elements	1
Filter material	Polyester PW13
Electric plug	Without

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Filter cleaning method	Mechanical, Compressed air
Power (kW)	2,2
Note	
Filter Area (m ²)	







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Image	Description	Arm length (m)	Power Voltage (V)	Frequency (Hz)	No of phases	Mounting	Weight (kg)	Model
	FilterBox 12M	3 (Original)	230	50	3	Mobile	115	12660363
	FilterBox 12M	3 (Original)	230	50	3	Floor mounted	112	12660463
	FilterBox 12M	3 (Original)	400	50	3	Floor mounted	112	12660663
	FilterBox 12M	3 (Original)	400	50	3	Mobile	115	12660563
	FilterBox 12M	3 (NEX MD)	230	60	3	Mobile	115	12660963
	FilterBox 12M	3 (NEX MD)	230	60	3	Floor mounted	112	12661063
	FilterBox 12M	3 (NEX MD)	460	60	3	Mobile	115	12661163
	FilterBox 12M	3 (NEX MD)	460	60	3	Floor mounted	112	12661263
	FilterBox 12M	3 (Original)	200	50	3	Mobile	115	12660763
	FilterBox 12M	3 (NEX MD)	120	60	1	Mobile	115	12661763
	FilterBox 12M	3 (NEX MD)	120	60	1	Floor mounted	112	12661863
	FilterBox 12M	3 (Original)	200	50	3	Floor mounted	112	12660863
	FilterBox 12M	3 (Original)	200	60	3	Mobile	115	12661563
	FilterBox 12M	3 (Original)	200	60	3	Floor mounted	112	12661663
	FilterBox 12M.	Without	400	50	3	Mobile	115	12686963

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Image	Description	Arm length (m)	Power Voltage (V)	Frequency (Hz)	No of phases	Mounting	Weight (kg)	Model
	FilterBox 12M.	Without	400	50	3	Floor mounted	112	12685163

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	Accessory	Part No
	Spotlight original, (LED) 24V, 5W	12376616*
	Handle eQ Filterbox	12376617
	Outlet with duct connection D=200mm	12376749
	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
	Twin Module blue	12376801
	Filter PTFE-FB-13	12377252

*Switch for light (no fan start)

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