

Nederman

FilterBox

Modern design

and proven technology

Fume and dust extraction unit

The ultimate mobile solution for extraction directly at the source.

Built on proven technology with modern user-friendly design.



Nederman FilterBox

The most versatile and user-friendly mobile filter for dust and fume on the market

Nederman FilterBox is a range of fume and dust extraction units. It's flexible and modular and solves most demands regarding fumes and dust. FilterBox can serve as a mobile or fixed mounted unit. The FilterBox has a cleanable filter for long life between filter changes. Modern user-friendly design based on proven technology.

Features and benefits – depending on model

- Wide range of models to suit every need
- FilterBox is also available in a white range for hygienic food and pharma applications
- Third party approval for welding fumes category W3 according to EN 15012-2
- One or two extraction arms, easily maneuverable
- Mobile or stationary use
- User friendly and superior filter cleaning, mechanical and/or with compressed air for long filter life
- Control box with LCD display indicating when it is time to clean or change filter cartridge
- Automatic damper preventing dust from leaking out while cleaning
- Dust free filter replacement and emptying of dust bin
- Automatic start/stop
- Ergonomic features like power socket, compressed air outlet and ergonomic handle
- HEPA-filter as option
- FilterBox is fully assembled upon delivery



The new FilterBox range



FilterBox Wall
A versatile unit without extraction arm for connection to external fan



FilterBox 10 M
A cost efficient unit, with manual filter cleaning for light to medium dust and fume applications



FilterBox 10 A
With automatic filter cleaning for light to medium dust and fume applications



FilterBox 10 eQ
Top of the line, ergonomic unit for light to medium dust and fume applications



FilterBox 12 M
A cost efficient unit with manual filter cleaning and high performance fan for heavier applications



FilterBox makes a big difference to your business

Dust and particles

Many industrial processes generate air contamination in the form of dust and particles. Airborne dusts, particles and fibers are harmful to lungs and can cause allergic reactions by penetrating the skin. Typical sources are dust from cutting, grinding, sanding and handling of powders.

Welding fume

International health organizations recognize the importance of preventing health risks associated with fumes and smoke generated during welding. In many countries strict standards have been established to limit the permissible exposure limit (PEL). Welding smoke also damages sensitive machines, like robots.

FilterBox is also suitable for stainless steel welding fumes (>30% chromium content) and fulfills OSHA demands for Chrome (VI).



FilterBox 12 A
With automatic filter cleaning for heavier dust and fume applications



FilterBox 12 eQ
Top of the line, ergonomic unit for heavier dust and fume applications



FilterBox Twin
The economic solution for light to medium applications for two workplaces

Range for hygienic application



FilterBox Hygiene Wall



FilterBox Hygiene 10 M



FilterBox Hygiene 10 A



FilterBox Hygiene 12 M



FilterBox Hygiene 12 A



FilterBox Hygiene Twin

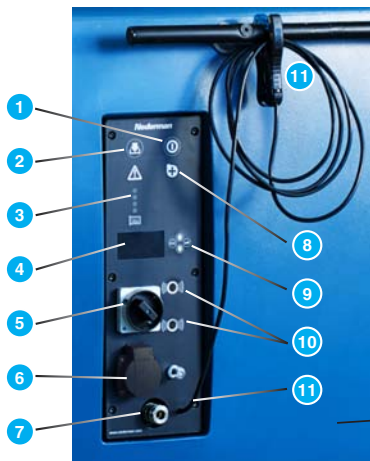
Nederman FilterBox Technical information

Accessories	FilterBox Wall	FilterBox 10M	FilterBox 10A	FilterBox 10 eQ	FilterBox 12M	FilterBox 12A	FilterBox 12 eQ	FilterBox Twin	FilterBox Hygiene Wall	FilterBox Hygiene 10M	FilterBox Hygiene 10A	FilterBox Hygiene 12M	FilterBox Hygiene 12A	FilterBox Hygiene Twin
HEPA filter		X	X	X	X	X	X	X		X	X	X	X	X
Spotlight/Fan switch on hood	X*		X	Incl.		X	Incl.	X*	X*		X		X	X*
Fan Switch on hood	X*		X			X		X*	X*		X		X	X*
Welding Sensor Clamp	X*		X	X		X	X	X*						
Spotlight on hood	X	X	X		X	X		X	X	X	X	X	X	X
Ergonomic handle		X	X	Incl.	X	X	Incl.	X		X	X	X	X	X
Bags for dustbin	X	X	X	X	X	X	X	X	X	X	X	X	X	X

*For versions with automatic filter cleaning.

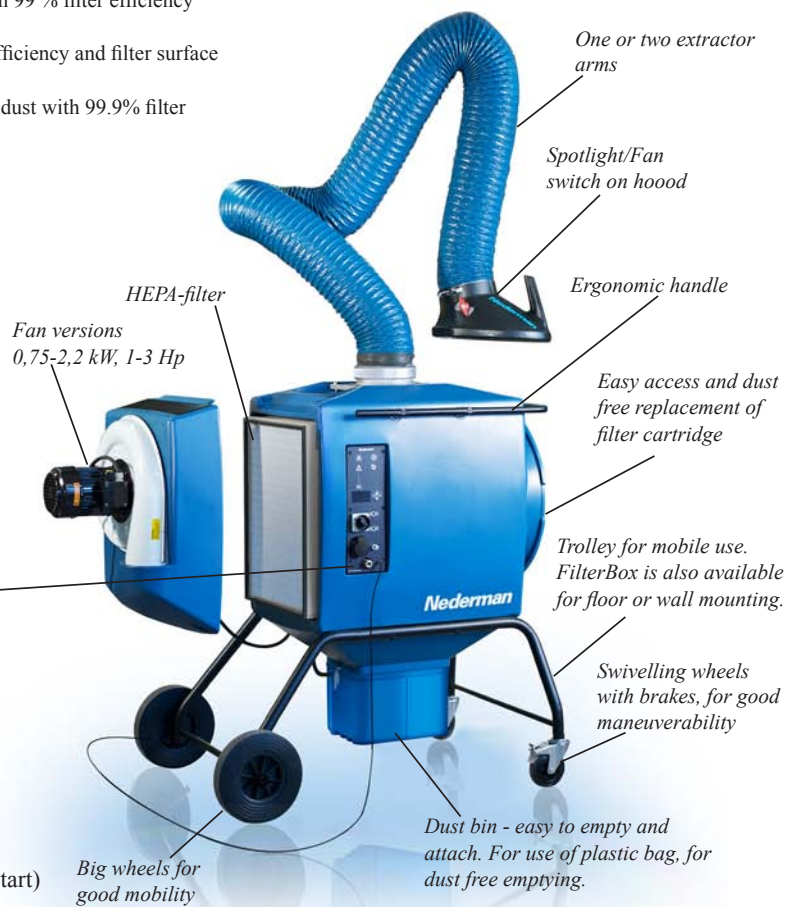
FilterBox Replacement filters

1. HEPA filter with 99.75% filter efficiency and filter surface of 10 m² (108 ft²)
2. Standard filter cartridge PW13 for welding and dust with 99 % filter efficiency and filter surface of 13 m² (140 ft²)
3. High efficiency filter cartridge PWHE15, 99.9% filter efficiency and filter surface of 15 m² (162 ft²)
4. Antistatic high efficiency filter cartridge PWAHE15 for dust with 99.9% filter efficiency and filter surface of 15 m² (162 ft²)



Display functions vary depending on model

- 1 Fan start/stop
- 2 Filter cleaning start/stop
- 3 Filter indicator
- 4 LCD display
- 5 Main switch
- 6 Power socket, single phase (with automatic fan start)
- 7 Pneumatic outlet (with automatic fan start/stop)
- 8 Fan indicator
- 9 Key pad, customizing of running parameters
- 10 Audial alarm
- 11 Welding sensor clamp (with automatic fan start)



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