Product leaflet

# FilterBox 12A Plus

Automatic cleaning for heavy duty welding fume and dust applications

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# FilterBox 12A Plus

- Automatically operated filter cleaning with compressed air for long filter life.
- 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.
- MERV 15 rated filter *ASHRAE Standard 52.2, 2017, third party tested. Approved for welding fumes category W3 according to EN 15012-1, third party tested.

When mobility, flexibility and a compact footprint is key, a mobile solution is the 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 12A+ is equipped with a 10 ft, 8" NEX-HD extraction arm with spark protector and a N27 fan for a maximum air flow capacity of 700 CFM (1 200 m3/h). The nanofiber media technology utilized in the extra large 183 ft2 (17 m2) cartridge is ideal for use in production welding such as MIG welding, TIG welding and other GMAW welding methods. 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. Benefits to your welding shop are increased filter life, improved 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 shown on the LCD display. When the air flow is too low an audible alarm sounds to indicate an automatic, motorized compressed air cleaning sequence will begin. An integrated silencer reduces noise from the fan and outlet air. Additional protection from harmful particles, such a hexavalent chromium from stainless steel welding, is provided when the optional HEPA filter is installed.
FilterBox 12A+ is available as a mobile unit on wheels or can be stationary mounted 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.

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# FilterBox 12A Plus

| | |
|---|---|
| Certifications | CE |
| Protection class | IP 54 |
| Installation | Indoor |
| Application | Fumes |
| Dustbin volume (gal) | 4 |
| Extraction arm diameter (in) | 8 |
| Airflow (CFM) | 700 |
| Filter Area (ft²) | 183 |
| Arm length (ft) | 10 (3 m) (NEX MD) |
| Power voltage (V) | 110 |
| Frequency (Hz) | 60 |
| No of phases | 1 |
| Filter type | Cartridge |
| Number of filter elements | 1 |
| Filter material | Nanofiber |
| Electric plug | Without |
| Mounting | Mobile |
| Weight (lbs) | 271 |
| Filter cleaning method | Compressed air |
| Power (Hp) | 1.5 (1,1 kW) |
| Extraction method | extraction arm |
| Filter change indication | False |
| Fume and dust application (application type) | Medium-Heavy |

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# Models

| | Item no |
|---|---|
| | 12645263 |

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# Accessories

| | Accessory | Item no |
|---|---|---|
| | FilterBox ePTFE High Efficiency Replacement Filter - Area = 13 m² (140 ft2) | 12377252 |
| | Filter NANO-FB-17 | 12377251 |
| | Trolley for Filterbox | 12376841 |
| | ARC Sensor clamp for FilterBox Automatic Operation Box | 14372199 |
| | FilterBox Replacement Standard Main Filter Cartridge PW13 for welding and dust with 99 % filter efficiency and filter surface of 13 m² (140 ft²) | 12332672 |
| | FilterBox UHE HEPA H14 Replacement Filter cartridge - Area = 10 m² (108 ft²) - Efficiency 99.995% | 12376756 |
| | FilterBox Trolley to Floor Stand Conversion Kit | 89299233 |
| | FilterBox Wall Mount Convertion Kit | 89299136 |
|  | Plastic Bags for FilterBox dust bin - 10 pcs | 12376618 |
| | Replacement HEPA secondary filter for FilterBox 10A Plus / 12 A Plus / Twin A Plus | 12376615 |
| | LED Light/Fan switch Original Arms and FilterBox | 10376922 |
| | Spotlight original, 24V, 5W | 12376616 |

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