Nederman

FilterBox+
Versatile Mobile Filter for Production Fume Control

Effective, Versatile and Easy-to-Use Fume Extraction Solution

FilterBox+ is the essential unit for controlling weld fume and non-combustible dusts in production environments to improve worker safety, productivity and achieve regulatory compliance. The FilterBox is configurable as a mobile or stationary system and accessorized to cover a variety of needs and requirements. Welders appreciate the FilterBox because it is easy to use and reliably captures fumes or dust near the source to protect the worker's breathing zone and prevents their migration throughout the rest of the plant.

Reliable and Effective Capture

Protecting welders from the harmful effects of thermal fumes begins with capturing the fume effectively at the source. Nederman's best-in-class extraction arms are easy to position and feature an optimal hood design that expands the fume capture zone.

Optimized Filter Technology

FilterBox+ features a MERV 15 Nanofiber filter effective at removing fume from the air stream. The filter design enhances safety by deterring sparks from entering the filter area and fire retardant media. The optimized filter media technology increases the dust holding capacity and enhances the cleaning effectiveness, extending the filter life and reducing overall maintenance time. Less down time results in higher productivity.

Workspace Configurable

Flexibility and versatility are engineered into the FilterBox+ to meet the broad needs of today's welder. While the mobile solution is most common, it can also be secured to the floor or hung on the wall for a stationary solution. HEPA after filter options are available for high-toxicity fume including hexavalent chrome. Additionally, a FilterBox+ Twin model is available with two extraction arms. A variety of accessories are available to automate operation and improve ergonomics.

Automatic back flow damper
Prevents dust from exiting unit during filter cleaning.

HEPA after filter
Additional filtration efficiency for difficult or toxic applications.

Airflow and filter life indicator
Sensors measure if adequate airflow and visually/audibly notify users when maintenance required to ensure effective fume capture.

Integrated silencer
Reduces noise level during operation.

Filter media technology
Standard Nanofiber, fire retardant filter technology that efficiently removes weld fume (MERV 15). Enhanced filter cleaning for improved fume capture and extended filter life.

Optional sensor clamp
Automates extraction by turning unit on when welding begins.

Extraction arms
Best-in-class arms that are easy to locate and reliably hold their position.

Original   NEX-HD   NEX-MD

Hood mounted spark arrestor
Improves spark and fire safety.

Clamp on dustbin
Easy to empty and attach for dust-free emptying (Shown with optional bin liner).

Durable mobility
Large diameter rear wheel for easy mobility in an industrial environment. Locking front casters to hold in place during use.
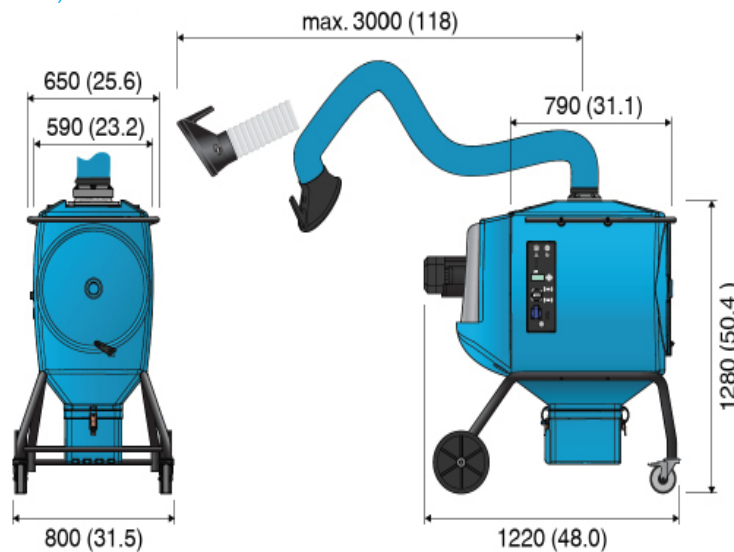
FilterBox+

Models and Specifications

Model	Extraction Arm	Arm Length ft (m)	Arm Diameter in (mm)	Air Flow cfm (m³h)	Filter Cleaning Method	Filter Load Indicator	Filter Area* ft² (m²)	Power Hp (kW)	Supply Power	Noise Level dBA
FilterBox 10M+	Original	10 (3)	6 (152)	600 (1,019)	Manual	Audible	183 (17)	1 (0.7)	120V/ 1PH/ 60Hz	66
FilterBox 10A+	NEX-MD	10 (3)	6 (152)	600 (1,019)	Automatic	Visual/ Audible	183 (17)	1 (0.7)	120V/ 1PH/ 60Hz	66
FilterBox 12A+	NEX-HD	10 (3)	8 (203)	700 (1,189)	Automatic	Visual/ Audible	183 (17)	1.5 (1.1)	120V/ 1PH/ 60Hz	74

Twin arm, wall mount and floor mount kits are available.
*Filter area based on Nanofiber fire retardant media. All models evaluated for compliance in accordance with NEC and UL codes.

Product Dimensions mm (inches)

Accessories and Replacement Filters

Options	Description
Filter media	ePTFE, Spunbond Polyester and more are available for unique application requirements
Spotlight	Hood mounted light kit for improved visibility. Includes unit on/off switch
Sensor clamp	Automates fume extraction with current sensing clamp. Includes timer to capture residual fume when welding is finished
Dustbin bags	Make clean-up easier with dust bin liner plastic bags
Floor mount conversion kit	Securely anchor the unit to the floor
Secondary filters	Certified H13/H14 HEPA filters
Ducted outlet	Transition that allows Filterbox to be connect to discharge duct

Nederman offers genuine replacement filters, spare parts and accessories to keep your equipment operating at maximum efficiency. Contact a local Nederman representative today or visit our spare parts search: www.nederman.com/en-us/service/spare-part-search

Our facilities are ISO 14001:2015 certified

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