

NEDERMAN FILTERBOX 10A PLUS (NANO)



DESCRIPTION

The FilterBox 10A+ is equipped with a N24 fan for a maximum air flow capacity of 1 000 m³/h (600 CFM). The nanofiber media technology utilized in the extra large 17m² (183 ft²) cartridge is ideal for frequent welding. It offers significant performance advantages like higher efficiency and surface loading properties which results in more effective filter cleaning and longer cleaning intervals. Advantages that will impose benefits in terms of filter life, productivity and lower cost of ownership.

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 audial alarm precedes the automatic, motorized compressed air cleaning sequence. 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 10A+ is available as a mobile unit on wheels but can be fixed 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.

TECHNICAL SPECIFICATION

Protection Class	IP 54
Installation	(Indoor)
Material	Casing in rotomoulded plastic
Frequency	50 Hz
Mounting	Mobile
Airflow	1000 m ³ /h
Filter Material	Nanofiber
Filter Area	17 m ²
Filter Type	Cartridge
Filter Cleaning Method	Compressed Air
Number of Filter Elements	1
Electric Plug	Without
Noise Level	66 dB(A)
Weight	102 kg
Certifications	CE

FEATURES

- Automatically operated filter cleaning with compressed air 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.
- 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.

PART CODES

Item	Part Codes
FilterBox 10 A NANO	12694963
FilterBox 10 A NANO PneOnly wo Extr 3/40	12695763
FilterBox 10A NANO PneOnly 1 ph. 230 V 50 Hz	12694863

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