

FilterBox 10A

50 Hz

Automatically cleaned for light to medium dust & fume applications.

The FilterBox 10A is equipped with a N24 fan for a maximum air flow capacity of 1 000 m³/h (600 CFM). An integrated silencer reduces noise from the fan and outlet air.

The unit has an advanced filter control system with automatic cleaning that starts when the air flow is too low. Depending on the model, it is equipped with mechanical cleaning for dust applications or a combination of mechanical and compressed air cleaning for fumes and dust.

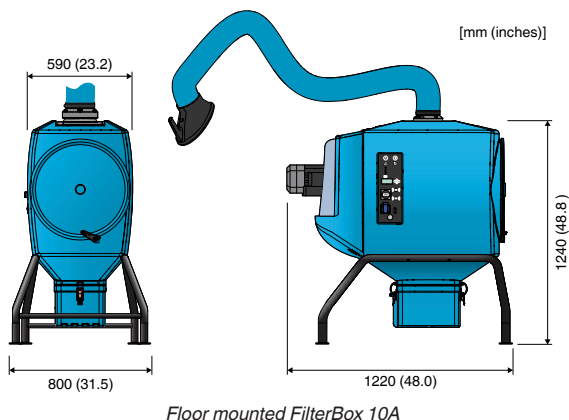
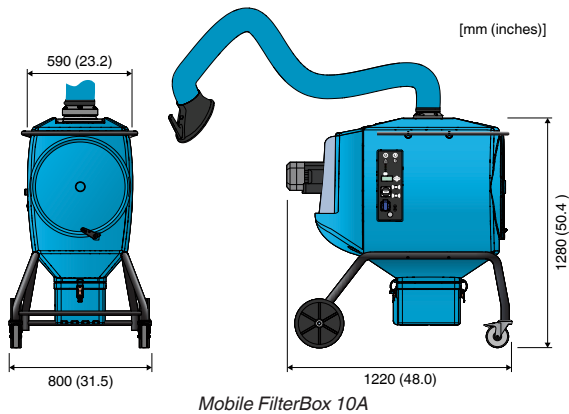
FilterBox 10A is available either as a mobile unit on wheels or attached to a floor stand. Additional protection from harmful particles is provided if a HEPA filter is installed.

Standard features

- 3 m (10 ft.) Nederman Original extraction arm
- Dust free emptying of dust bin
- Ergonomic change of filter cartridge
- Polyester filter cartridges with 99% separation efficiency
- Silencer
- Integrated LCD display
- Automatic damper minimizing dust leakage during pneumatic cleaning
- Easily maneuverable extractor arm
- 9.5 m (31 ft.) power cable
- Third party approval for welding fumes, category W3 EN 15012



Dimensions



Technical Data

Air flow	Up to 1 000 m ³ /h (600 CFM)
Fan	N24, 0.9 kW/1.2 hp (0.75 kW/1 hp single phase)
Filter cartridge	13 m ² PW13, polyester
Filtration efficiency	99 %*
W3 approval*	Yes
IP class	54
Weight	Mobile: 102 kg (225 lbs) Floor: 99 kg (218 lbs)
Dust bin level	15L
Noise level	66 dB(A)
Extraction arm diam.*	160 mm (6 ¼ in)

* Average weight filtration efficiency

* Not intended for use with explosive dust

* Product fully assembled except for extraction arm

Models

Filter cleaning system	Filter cleaning method	Fan motor power	Voltage (V)	Frequency (Hz)	Phases	Assembly	
						Mobile	Floor
Automatic	Mechanical	0.9 kW (1.2 hp)	230	50	3	12653663	12653763
Automatic	Mechanical	0.9 kW (1.2 hp)	400	50	3	12653863	12653963
Automatic	Mechanical	0.75 kW (1.0 hp)	230	50	1	12654063	12654163
Automatic	Mechanical	0.75 kW (1.0 hp)	110	50	1	12654263	12654363
Automatic	Mechanical	0.9 kW (1.2 hp)	400	50	3	12686863*	-
Automatic	Mechanical	0.9 kW (1.2 hp)	400	50	3	-	12686263*
Automatic	Mechanical + pneumatic	0.9 kW (1.2 hp)	230	50	3	12655263	12655363
Automatic	Mechanical + pneumatic	0.9 kW (1.2 hp)	400	50	3	12655463	12655563
Automatic	Mechanical + pneumatic	0.75 kW (1.0 hp)	230	50	1	12655663	12655763
Automatic	Mechanical + pneumatic	0.75 kW (1.0 hp)	110	50	1	12655863	12655963
Automatic	Mechanical + pneumatic	0.9 kW (1.2 hp)	400	50	3	12686763*	-
Automatic	Mechanical + pneumatic	0.9 kW (1.2 hp)	400	50	3	-	12685063*

* This model supplied without extraction arm.

Accessories

Accessory	Description	Article number
HEPA filter H13	Filtration efficiency 99.95 % (H13)	12376615
HEPA filter H14	Filtration efficiency 99.995 % (H14)	12376756
Concentrated outlet 200 mm	Mounted on air outlet for duct connection	12376749
Spotlight/Fan switch on hood (Original)	Placed on hood	10376922
Sensor Clamp	For welding	14372199
Spotlight on hood (Original)	Placed on hood	10376925
Spark protection (Original)	Mounted on hood	10551335
Plastic bag	Bags for dust bin	12376618

Replacement filters

Replacement filters	Used for	Filtration efficiency (%)	Filter surface, m ² (ft ²)	Article number
HEPA filter H13	Higher filtration efficiency	99.95 % (H13)	10 (108)	12376615
HEPA filter H14	Higher filtration efficiency	99.995 % (H14)	10 (108)	12376756
Standard filter cartridge PW13	Welding, dust	99	13 (140)	12332672
High efficiency filter cartridge PWHE15	Dust, stainless steel welding	99.9	15 (162)	12371106
Antistatic high efficiency filter cartridge PWAHE15	Dust	99.9	15 (162)	12371412