

FilterBox 12M

Manually cleaned for medium to heavier welding fumes & dust applications



FilterBox 12M

- ✓ Manually operated, mechanical and pneumatic filter cleaning for long filter life.
- ✓ For MMA welding (Stick Welding), grinding and non-combustible dust
- ✓ Automatic damper preventing dust from leaking out while cleaning. Dust free filter replacement and emptying of dust bin.
- ✓ Filter efficiency M6 (EN779), MERV 11 (ASHRAE 52.2, 2017).
- ✓ Approved for welding fumes category W3 according to EN 15012-1, third party tested.

The FilterBox 12M is equipped with a powerful fan, N29, for a maximum air flow capacity of 1 200 m³/h (700 CFM) and is ideal for medium frequency dust or fume applications.

The unit has a filter supervision system which indicates with an audial alarm when the air flow is too low. The cleaning method is mechanical and pneumatic, operated manually. 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.

For welding applications, compressed air cleaning is required.

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 10M is available as a mobile unit on wheels or a fixed mount unit.

Filterbox 12M is suitable for welding applications such as MMA (Stick Welding) (excluding high alloy), as well as for grinding.

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.

FilterBox 12M

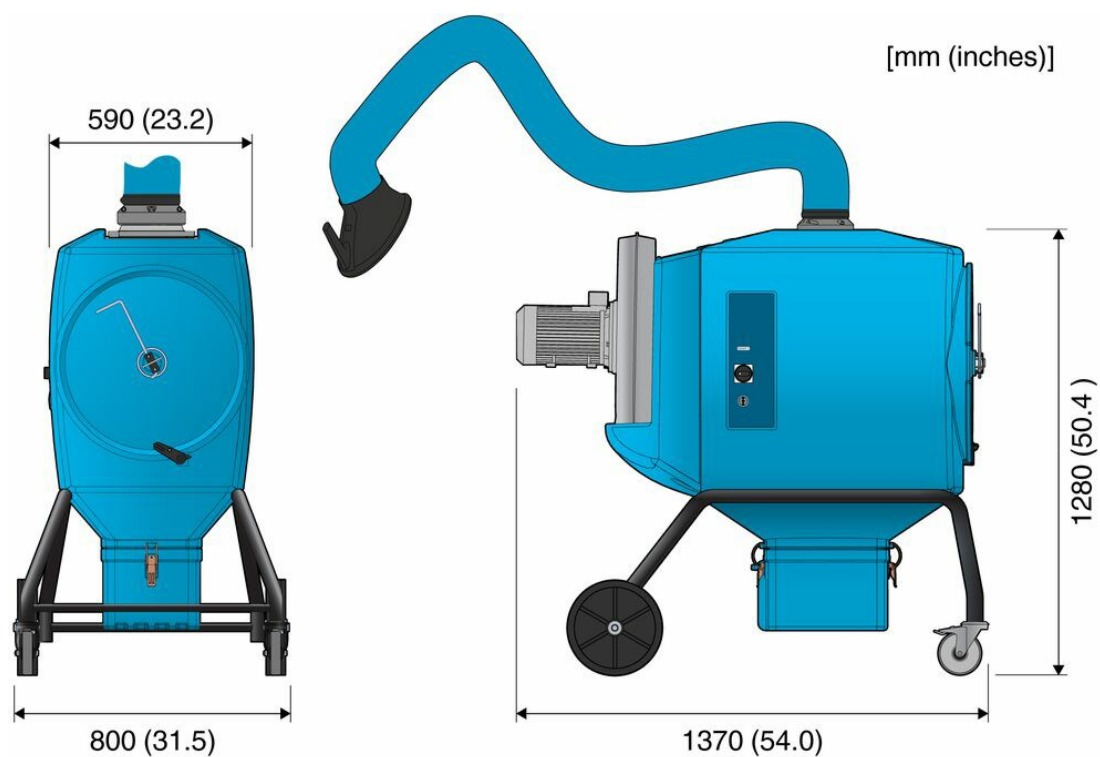
Certifications	CE
Noise level (dB(A))	74
Protection class	IP 54
Filter efficiency (%)	99
Compressed air requirement	DIN ISO 8573-1, class 5/5/4 (7 bar)
Installation	Indoor
Material	Casing in rotomoulded plastic
Dustbin volume (l)	15
Extraction arm diameter (mm)	160
Airflow (m³/h)	1200
Filter Area (m²)	13
Power voltage (V)	400
Frequency (Hz)	50
No of phases	3
Filter type	Cartridge
Number of filter elements	1
Filter material	Polyester PW13
Electric plug	without
Filter cleaning method	Mechanical, Compressed air
Power (kW)	2,2
Extraction method	extraction arm
Filter change indication	False
Fume and dust application (application type)	Medium-Heavy

Models

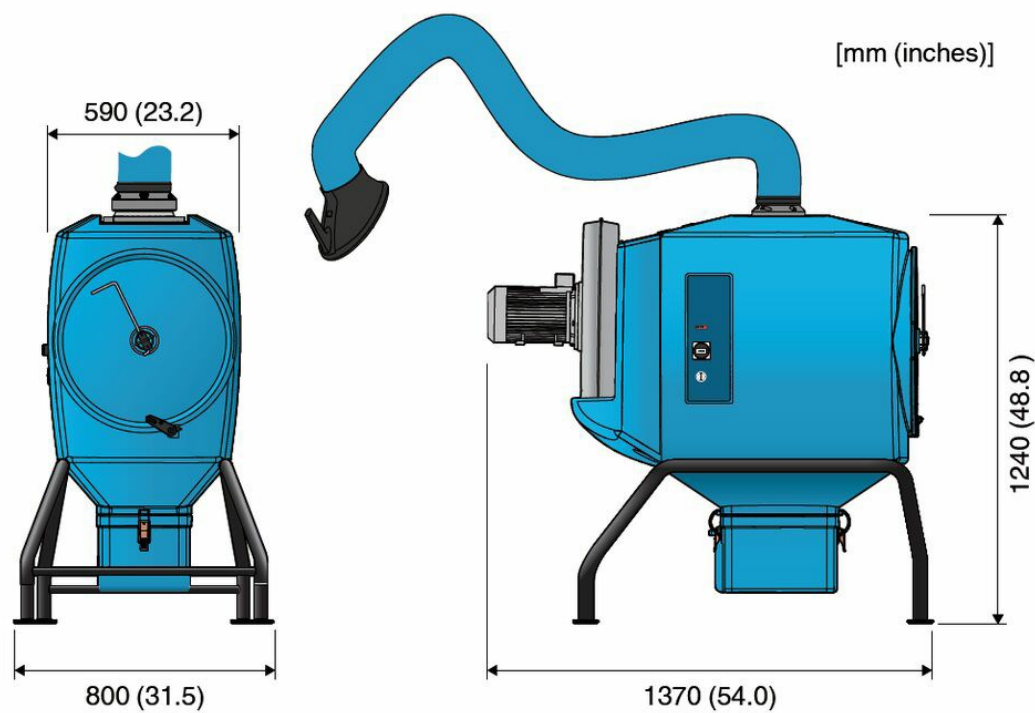
	Item no	Arm length (m)	[ItemMounting]	Weight (kg)
	12660663	3 (Original)	[floormounted]	112
	12660563	3 (Original)	[mobile]	115
	12686963	Without	[mobile]	115
	12685163	Without	[floormounted]	112

Accessories

	Accessory	Item no
	Spotlight original, (LED) 24V, 5W	12376616
	Handle eQ Filterbox	12376617
	Outlet with duct connection D=200mm	12376749
	Spark protection for Original hood and for NEX MD hood	10551335
	Filter-PW-FB-13	12332672
	Filter PWA-FB-15	12371412
	HEPA filter H13 10m2 Filterbox	12376615
	HEPA filter H14 10m2 Filterbox	12376756
	Bags for Filterbox dust bin, 10pcs	12376618
	Twin Module blue	12376801
	FilterBox ePTFE High Efficiency Replacement filter, 13m ² (140 ft2).	12377252



FilterBox 12M. Mobile



Floor mounted FilterBox 12M