Product leaflet

FilterBox Wall

A mounted FilterBox on the wall, available with or without fan, and with two different filter options

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FilterBox Wall

- FilterBox Wall A+ has the latest nanofiber technology for filtration
- Different filter alternatives with Manual or Automatically operated filter cleaning for long filter life.
- On FilterBox Wall A+ there is a 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
- Approved for welding fumes category W3 according to EN 15012-1, third party tested.

FilterBox Wall is available in three different versions; FilterBox Wall M, Wall A and Wall A+. FilterBox Wall M is delivered with a manually cleaned polyester filter and has an alarm that indicates when the air flow is too low. FilterBox Wall A is delivered with an automatically cleaned polyester filter. There is 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 cleaning sequence.

For dust applications, the unit is cleaned mechanically. For welding fumes it uses a combination of mechanical and compressed air cleaning.

For welding applications, compressed air cleaning is required.

FilterBox Wall A+ is delivered with an extra-large, automatically cleaned nanofiber filter, ideal for frequent welding. The nanofiber media technology utilized in the WALL A+ offers significant performance advantages like higher efficiency and surface loading properties which results in more effective filter cleaning and longer cleaning intervals. . 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 Wall is delivered with a wall bracket for easy installation. FilterBox Wall is available with or without a fan attached. The models without a fan are suitable for installations with an external fan and fan contactor, and can be used with multiple FilterBox units.

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 Wall

Certifications	[ce]
Noise level (dB(A))	60 (without fan) 66 (N24 fan) 74 (N27 fan)
Protection class	IP 54
Filter efficiency (%)	99
Installation	Indoor
Material	Casing in rotomoulded plastic
Dustbin volume (l)	15
Extraction arm diameter (mm)	160
Airflow (m^3/h)	1300
Filter Area (m^2)	13
Arm length (m)	Without
Frequency (Hz)	50
Filter type	Cartridge
Number of filter elements	1
Electric plug	[without]
Max airflow (m^3/h)	1300

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Models

	Item no	Power voltage (V)	No of phases	Weight (kg)	Filter cleaning method	Power (kW)
	12650263[1]	400	3	54	[Mechanical], [CompressedAir]	0,9
	12682063[2]	230	1	54	[Mechanical], [CompressedAir]	
	12650363[1]	400	3	54	[Mechanical], [CompressedAir]	2,2
	12684863	400	3	90	[Mechanical], [CompressedAir]	2,2
	12684563[3]	400	3	90	[Mechanical], [CompressedAir]	0,9
	12684763[3]	400	3	90	[Mechanical], [CompressedAir]	2,2
	12684663	400	3	90	[Mechanical], [CompressedAir]	0,9
	12697563[4]	230	1	54	[CompressedAir]	
	12698063[5]	400	3	90	[CompressedAir]	2,2
	12697963[5]	400	3	90	[CompressedAir]	0,9

[1] Without Fan. Not possible to use with sensor clamp, HEPA filter or Special Top Outlet square to round Ø 200.
[2] Without Fan. Not possible to use with HEPA filter or Special Top Outlet square to round Ø 200.
[3] Not possible to use with sensor clamp.
[4] Without Fan. Not possible to use with HEPA filter or Special Top Outlet square to round Ø 200. Filter class F9 (EN779), MERV 15 (ASHRAE 52.2)
[5] Filter class F9 (EN779), MERV 15 (ASHRAE 52.2)

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Accessories

	Accessory	Item no
	Outlet with duct connection D=200mm	12376749
	Sensor clamp to be attached to the earth cable of the welding power source.	14372199
	Filter-PW-FB-13	12332672
	Filter PWA-FB-15	12371412
	HEPA filter H14 10m2 Filterbox	12376756
	HEPA filter H13 10m2 Filterbox	12376615
	Bags for Filterbox dust bin, 10pcs	12376618
	Twin Module blue	12376801
	Filter NANO-FB-17	12377251
	FilterBox ePTFE High Efficiency Replacement filter. 13m² (140 ft2).	12377252

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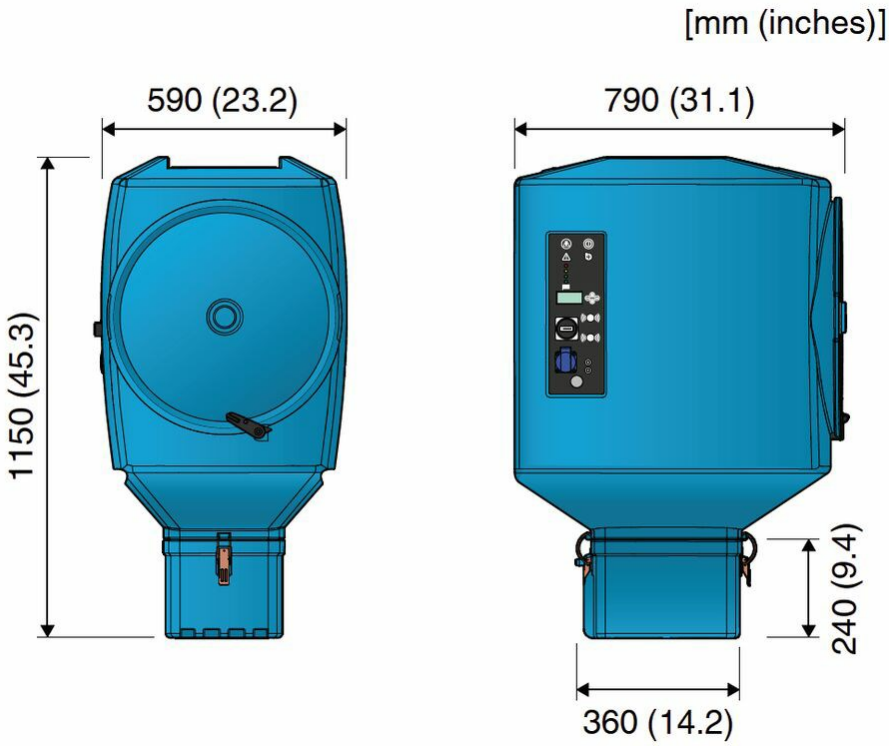
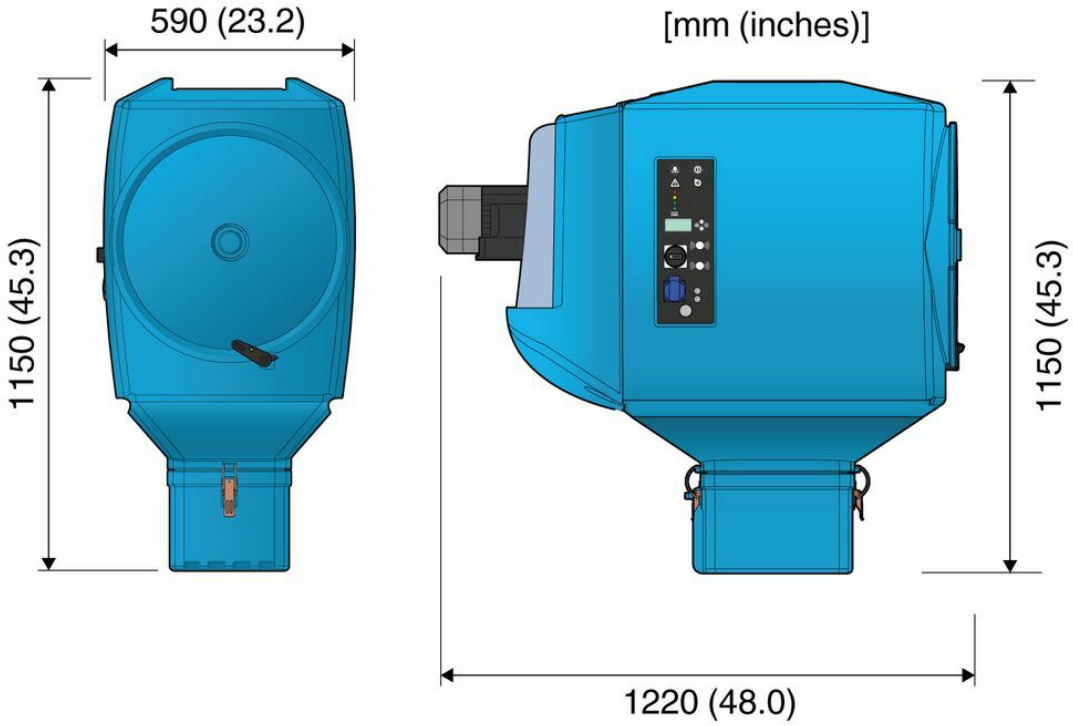


FilterBox wall without fan



FilterBox Wall with N24 fan included

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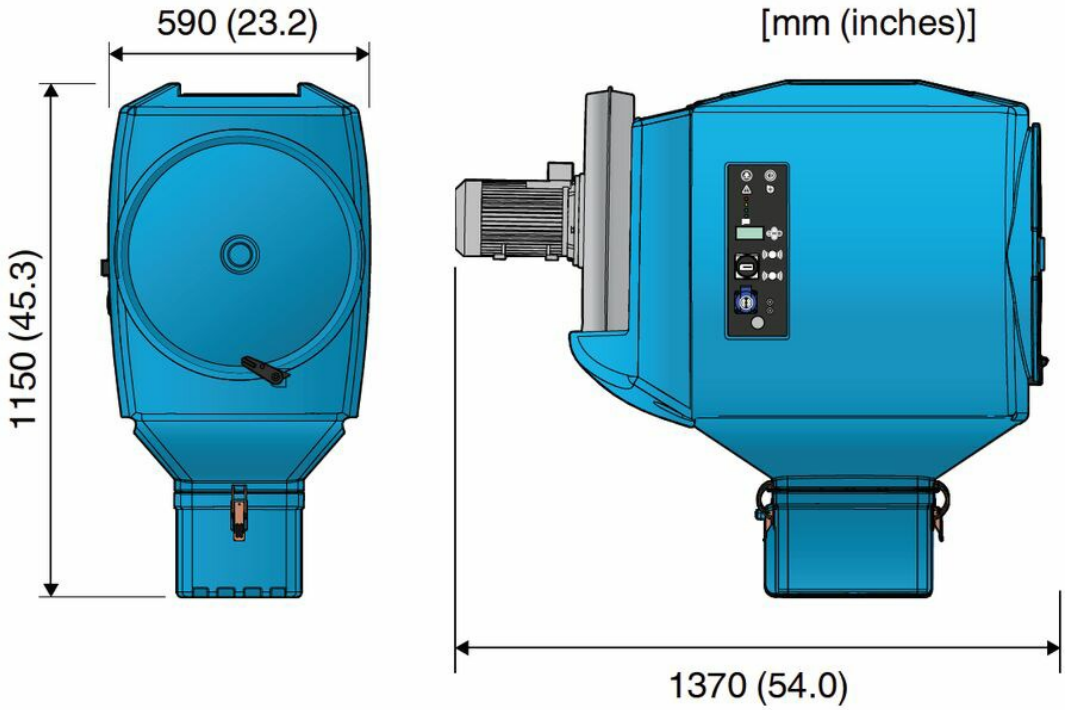

FilterBox Wall with N29 fan included

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