

FilterBox Wall

Automatically or manually cleaned for dust & fume applications.



FilterBox Wall can come 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. The unit is delivered with a wall bracket for easy installation. Depending on the model, the filter cartridge is either manually or automatically cleaned. For the manual model, there is an alarm indicating when the air flow is too low, and an operating hours meter. The model with automatic cleaning has an advanced filter control system that starts the cleaning process automatically when the air flow is too low. Additional protection from harmful particles given if a HEPA filter is installed.

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.

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.

- User friendly and superior filter cleaning, mechanical and/or with compressed air for long filter life
- Automatic damper preventing dust from leaking out while cleaning
- Dust free filter replacement and emptying of dust bin
- Third party approval for welding fumes category W3 according to EN 15012-1
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| | |
|-------------------------------------|--|
| Product name | FilterBox Wall |
| Noise level (dB(A)) | 60 (without fan) 66 (N24 fan) 74 (N25 fan) |
| 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) | 1300 |
| Filter Area (m²) | 13 |
| Frequency (Hz) | 50 |
| Arm length (m) | Without |
| Filter type | [cartridge] |
| Number of filter elements | 1 |

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| | |
|-------------------------------|-----------|
| Electric plug | [without] |
| Filter Area (m ²) | 17 |



FilterBox Wall

| [image] | Description | Power Voltage (V) | No of phases | Filter material | Weight (kg) | Filter cleaning method | Power (kW) | [model] |
|---|--|-------------------|--------------|-----------------|-------------|------------------------|------------|---------------|
|  | FilterBox Wall, manual filter cleaning | 400 | 3 | Polyester PW13 | 54 | , | 0,9 | 12650263* |
|  | FilterBox Wall, automatic filter cleaning | 230 | 1 | Polyester PW13 | 54 | , | | 12682063** |
|  | FilterBox Wall, manual filter cleaning | 230 | 3 | Polyester PW13 | 54 | , | 0,9 | 12650063* |
|  | FilterBox Wall, manual filter cleaning | 230 | 3 | Polyester PW13 | 54 | , | 2,2 | 12650163* |
|  | FilterBox Wall, manual filter cleaning | 400 | 3 | Polyester PW13 | 54 | , | 2,2 | 12650363* |
| | FilterBox Wall, automatic filter cleaning with N29 fan | 400 | 3 | Polyester PW13 | 90 | , | 2,2 | 12684863 |
| | FilterBox Wall, manual filter cleaning with N24 fan | 400 | 3 | Polyester PW13 | 90 | , | 0,9 | 12684563*** |
| | FilterBox Wall, manual filter cleaning with N29 fan | 400 | 3 | Polyester PW13 | 90 | , | 2,2 | 12684763*** |
| | FilterBox Wall, automatic filter cleaning with N24 fan | 400 | 3 | Polyester PW13 | 90 | , | 0,9 | 12684663 |
| | FilterBox Wall A+, Automatic Cleaning | 230 | 1 | Nanofiber | 54 | | | 12697563**** |
| | FilterBox Wall A+, Automatic cleaning | 400 | 3 | Nanofiber | 90 | | 2,2 | 12698063***** |
| | FilterBox Wall A+, Automatic cleaning | 400 | 3 | Nanofiber | 90 | | 0,9 | 12697963***** |

*Without Fan. Not possible to use with sensor clamp, HEPA filter or Special Top Outlet square to round Ø 200.

**Without Fan. Not possible to use with HEPA filter or Special Top Outlet square to round Ø 200.









***Not possible to use with sensor clamp.

****Without Fan. Not possible to use with HEPA filter or Special Top Outlet square to round Ø 200.

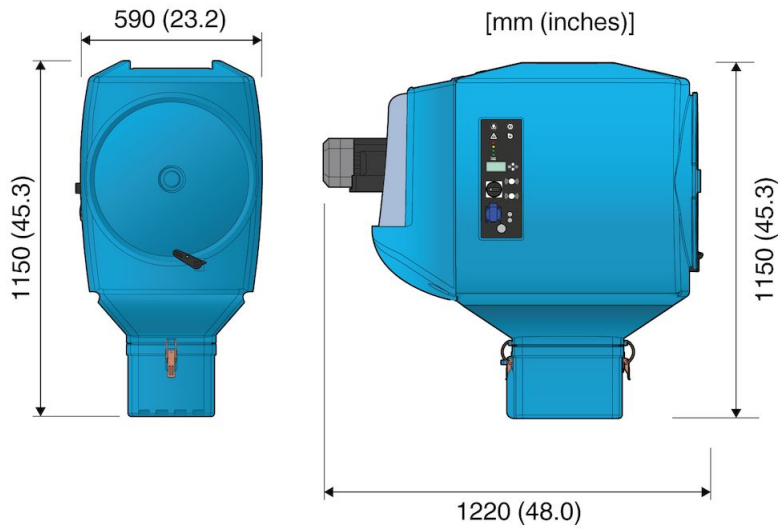
Filter class: F9 (EN779), MERV 15 (ASHRAE 52.2)

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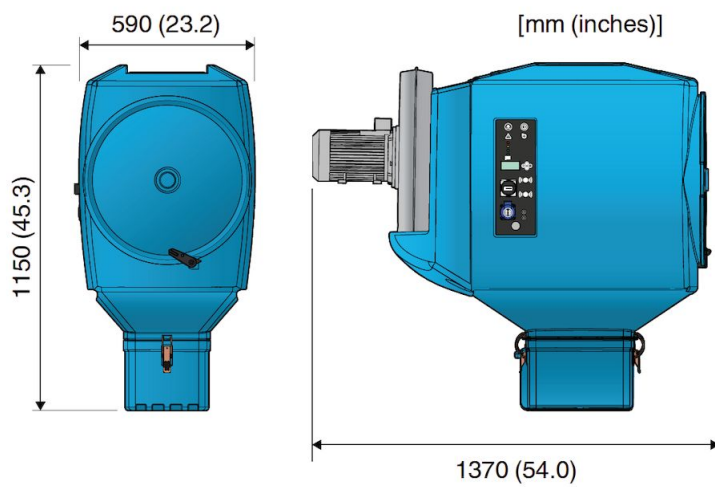
FilterBox Wall

| | [accessory] | [partno] |
|---|-------------------------------------|----------|
|  | Outlet with duct connection D=200mm | 12376749 |
|  | Sensor Clamp | 14372199 |
|  | Filter-PW-FB-13 | 12332672 |
|  | Filter-PW HE-FB-15 | 12371106 |
|  | 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 |
| | Filter PTFE-FB-13 | 12377252 |

FilterBox Wall

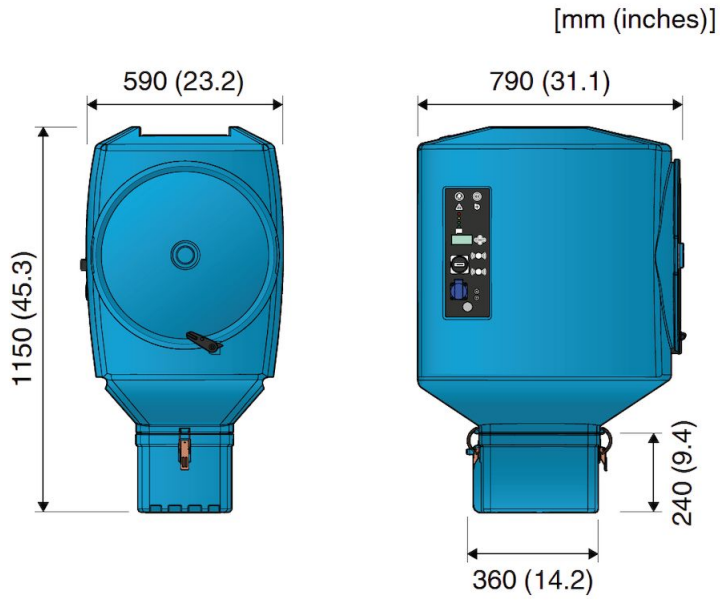


FilterBox Wall with N24 fan included



FilterBox Wall with N29 fan included

FilterBox Wall



FilterBox wall without fan