



Exento HighVac

Compact design, maximum protection: Thanks to its particularly high filter quality, the Exento HighVac mobile high vacuum extraction system removes more than 99.9 % of captured welding fume particles, resulting in significantly lower welding fume exposure.

In combination with the powerful Exento fume extraction torch, the high vacuum system captures the welding fumes directly at the source. It is equipped with an extra large, vertically mounted filter cartridge, thereby ensuring particularly effective cleaning.

Suitable for

- Continuous use
- Welding torch extraction
- Changing workplaces thanks to its compact design

The Advantage

- High extraction capacity thanks to side channel blowers
- Combines perfectly with Exento fume extraction torches
- Automatic volumetric flow control
- Intuitive, single-button operation, even while wearing gloves
- Infinitely variable pre-selection of the extraction capacity for use with a wide variety of fume extraction torches
- Extraction capacity monitoring

Additional Highlights

- Large filter area
- USB type A charging socket





The Exento HighVac combines perfectly with Exento fume extraction torches and in doing so meets the EN ISO 21904-1 standard: Health and safety in welding and allied processes.

Technical Data

Compact design, maximum extraction capacity

With a floor area of approximately 60x60 cm, the Exento HighVac takes up minimal storage space in the hall or workshop. The compact design does not take away from performance: Depending on the model, extraction capacity can reach up to 170 m³/h. Cleaning is particularly effective thanks to the vertically mounted filter cartridges.



| | Exento HV 230V/EF | Exento HV 400V | Exento HV 460V | Exento HV 600V |
|----------------------------|---|------------------------|------------------------|------------------------|
| Mains voltage -10/+10 % | 1x 230 V 50/60 Hz | 3x 400 V 50/60 Hz | 3x 460 V 50/60 Hz | 3x 600 V 50/60 Hz |
| Motor power | 1.5 kW/2.04 hp | 2.2 kW/2.99 hp | 2.2 kW/2.99 hp | 2.2 kW/2.99 hp |
| Rated current | 13 A | 5.8 A | 5.8 A | 4.5 A |
| Max. extraction capacity | 160 m³/h/94.17 cfm | 170 m³/h/100.06 cfm | 170 m³/h/100.06 cfm | 170 m³/h/100.06 cfm |
| Max. vacuum | 24.000 Pa/96.44 in wc | 31.000 Pa/124.46 in wc | 31.000 Pa/124.46 in wc | 31.000 Pa/124.46 in wc |
| Noise level | 75 dB(A) | 77.9 dB(A) | 77.9 dB(A) | 77.9 dB(A) |
| Protection class | IP 21 | | | |
| Dimensions l x b x h | 627 x 594 x 1182 mm/24.7 x 23.4 x 46.5 in | | | |
| Weight | 65 kg/143.3 lb | | | |

| Filter | |
|-------------------------|-------------------|
| Filter stages | 1 |
| Filter method | Cleanable filter |
| Filter cleaning method | Rotating nozzle |
| Filter cleaning trigger | Button activated |
| Filter surface | 6.7 m²/10.385 in² |
| Typ of filter | Filter cartridge |
| Filter material | ePTFE-membran |
| Filter efficiency | ≥ 99.9 % |
| Dust classification | M |

| | |
|------------------------------|---------------------|
| Fan type | Side channel blower |
| Compressed air supply | 6-8 bar/87-116 psi |
| Automatic air volume control | Yes |

Optional Extras

- Automatic start/stop
- Tool tray with cup holder
- High vacuum extraction hose
2.5m/ 5 m/7.5 m/10 m
- H13 exhaust air filter