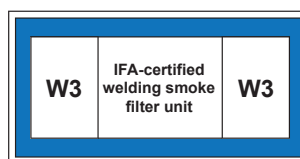


# WeldFil

Art. No.: 34 160



## Applications

- High levels of smoke and dust
- Training centres and robotic welding lines
- Laser, plasma and flame cutting systems
- Can be installed outdoors
- Welding and grinding shops

## Benefits

- Contamination-free dust collection due to compressed air fixation of dust collection containers
- Uninterrupted continuous operation due to automatic differential pressure-controlled filter cleaning
- Little noise emission due to a low noise level
- Expandable due to simple modular construction
- Considerable energy cost savings by using the automatic extraction volume control
- Convenient operation due to intelligent control via touch screen with diagnostic system
- Flexible integration of the control system into third-party systems such as cutting equipment due to potential-free contacts
- Best health protection for employees by use of KemTex® ePTFE cartridges with surface filtration

## Properties

- Automatic filter cleaning, pressure-controlled
- Control via touch screen
- KemTex® ePTFE filter cartridges
- Dust collection container with pneumatic lifting device
- Modular design
- Automatic extraction volume control (optional)

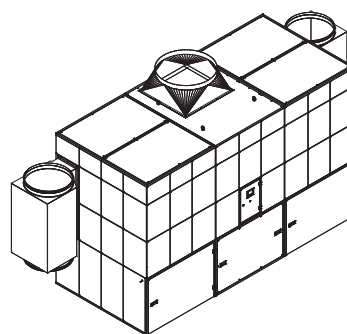
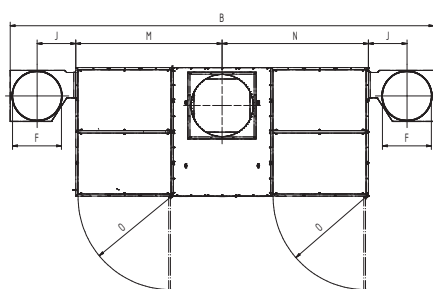
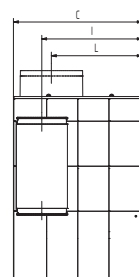
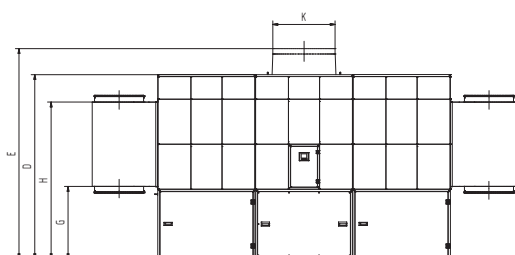
## Accessories

- Automatic extraction volume control
- External On/Off
- Fleet management, remote maintenance and pre-noise maintenance using autarkic networking via mobile radio to the KEMPER cloud
- Spark separator – SparkTrap
- Weatherproof housing for outdoor installation



## Technical Data

| Filter                             |                                 |
|------------------------------------|---------------------------------|
| Filter stages                      | 1                               |
| Filter method                      | Cleanable filter                |
| Filter cleaning method             | Rotating nozzle                 |
| Filter surface                     | 20 m <sup>2</sup>               |
| Number filter elements             | 11                              |
| Filter surface total               | 220 m <sup>2</sup>              |
| Type of filter                     | Filter cartridge                |
| Filter material                    | ePTFE membrane                  |
| Filter efficiency                  | > 99.99 %                       |
| Dust classification                | M                               |
| Basic data                         |                                 |
| Max. fan performance               | 22000 m <sup>3</sup> /h         |
| Extraction capacity                | 11000 - 15840 m <sup>3</sup> /h |
| Vacuum                             | 2330 - 1600 Pa                  |
| Weight                             | 2280 kg                         |
| Motor power                        | 11 kW                           |
| Power supply                       | 3 x 400 V / 50 Hz               |
| Rated current                      | 20.6 A                          |
| Noise level                        | 65 dB(A)                        |
| Additional information             |                                 |
| Fan type                           | Radial fan, belt driven         |
| Compressed air supply              | 5 - 6 bar                       |
| Air outlet                         | 710 mm                          |
| Air intake                         | 2 x 560 mm                      |
| Capacity Dust collection container | 2 x 192 l                       |



## Technical Data

### Dimensions

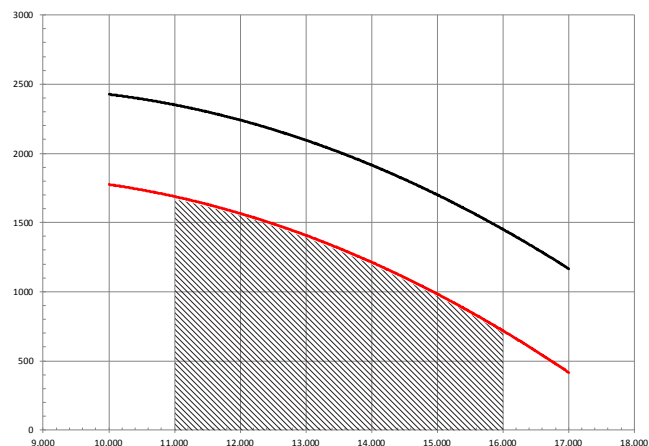
|   |           |
|---|-----------|
| B | 5639 mm   |
| C | 1864 mm   |
| D | 2670 mm   |
| E | 3020 mm   |
| F | 560 mm    |
| G | 1047 mm   |
| H | 2271 mm   |
| I | 1524 mm   |
| J | 400 mm    |
| K | 710 mm    |
| L | 1341 mm   |
| M | 2119.5 mm |
| N | 2119.5 mm |
| O | 1347 mm   |

The shown transition pieces are optional

# Pressure-volume graph

- Fan characteristic curve
- Working pressure increase
- ▨ Recommended Use

$$\frac{\Delta P_{s\,tat.}}{Pa}$$



$$\vec{v} / m^3/h$$