

WeldFil HV

Art. No.: 91 0330 030



Applications

- High levels of smoke and dust
- Welding torch extraction, nozzles and high vacuum exhaust arms
- Can be installed outdoors
- Large welding shops or training centres

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

Accessories

- Automatic dust disposal - DustEvac
- Automatic suction power regulation
- External On/Off
- Spark separator – SparkTrap
- Weatherproof housing for outdoor installation



Technical Data

Filter

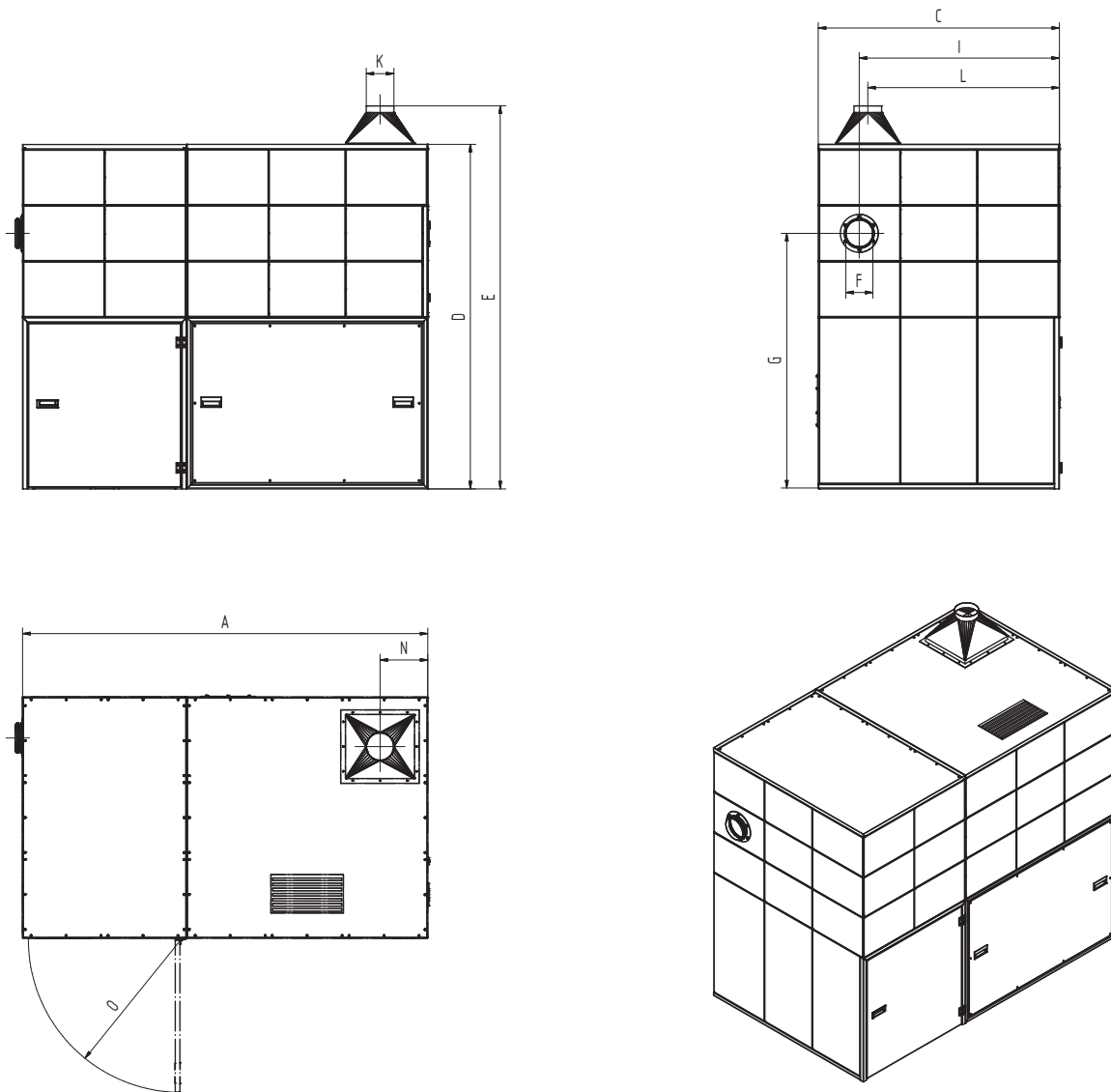
Filter stages	1
Filter method	Cleanable filter
Filter cleaning method	Jet-pulse
Number filter elements	3
Filter surface total	30 m ²
Filter material	PTFE-membrane
Filter efficiency	> 99.99 %
Dust classification	M

Basic data

Extraction capacity min.	700 m ³ /h
Extraction capacity (max.)	1200 m ³ /h
Extraction capacity	700 - 1200 m ³ /h
Vacuum min.	14500 Pa
Working pressure in PA	17000 Pa
Vacuum	14500-17000 Pa
Dimensions (w x h x t)	2375 x 1413 x 2015 mm
Weight	1050 kg
Motor power	22 kW
Power supply	3 x 400 V / 50 Hz
Rated current	42.5 A
Noise level	65 dB(A)

Additional information

Fan type	Radial fan, belt driven
Compressed air supply	5 - 6 bar
Air outlet	160 mm
Air intake	160 mm



Technical Data

Dimensions

A	2375 mm
C	1413 mm
D	2015 mm
E	2245 mm
F	160 mm
G	1498 mm
I	1173 mm
K	160 mm
L	1123 mm
N	280 mm
O	896 mm

The shown transition pieces are optional