

## PlasmaFil Compact/WeldFil Compact

### Applications

- » Medium to high amounts of smoke and dust
- » Can be installed outdoors
- » Plasma and oxy-fuel cutting systems
- » Robotic welding
- » Manual and automatic welding

### Benefits

- » Easy transportation and installation
- » Low service costs due to durable plate filter technology
- » Predictable costs with lifetime filter warranty (service contract)
- » Suitable for spaces with low ceiling - fan unit can be separated
- » Optimal cleaning performance due to down-flow principle
- » Touchscreen allows safe and easy operation
- » Little floor space required due to compact design

### Properties

- » Automatic filter cleaning
- » Control via touch screen
- » Down flow filtration
- » Forklift bags and lifting eyes
- » Plate filter technology

- » Longlife panel filter technology
- » Limited space



### Accessories

- » Automatic dust removal - DustEvac
- » Automatic extraction volume control
- » External On/Off
- » SparkTrap
- » Automatic Start/Stop

Basic data	
Power supply	3 x 400 V / 50 Hz
Noise level	72 dB(A)
Additional information	
IFA-Certification	W3-Certification submitted
Fan type	Radial fan, direct driven
Compressed air supply	5 - 6 bar

### Technical Data

Filter	
Filter stages	1
Filter method	Cleanable filter
Filter cleaning method	Jet-pulse
Type of filter	Filter plate
Filter material	ePTFE-membrane
Filter efficiency	> 99.7 %
Dust classification	M

### Order Data

Art. No.	Extraction capacity	Vacuum	Filter surface total	Motor power	Dimensions (w x d x h)
31 0350	2,500 - 3,500 m <sup>3</sup> /h	2,000 - 2,300 Pa	60 m <sup>2</sup>	5.5 kW	1,430 x 1,830 x 3,800 mm
31 0500	3,500 - 5,000 m <sup>3</sup> /h	2,000 - 2,500 Pa	80 m <sup>2</sup>	7.5 kW	1,430 x 1,830 x 3,800 mm
31 0650	4,500 - 6,500 m <sup>3</sup> /h	1,900 - 2,500 Pa	100 m <sup>2</sup>	7.5 kW	1,830 x 1,830 x 3,800 mm
31 0800	6,000 - 8,000 m <sup>3</sup> /h	2,000 - 2,600 Pa	120 m <sup>2</sup>	11 kW	1,830 x 1,830 x 3,800 mm
31 0950	7,000 - 9,500 m <sup>3</sup> /h	2,000 - 2,800 Pa	140 m <sup>2</sup>	15 kW	2,230 x 1,830 x 4,000 mm
31 1100	8,000 - 11,000 m <sup>3</sup> /h	1,900 - 3,000 Pa	160 m <sup>2</sup>	15 kW	2,230 x 1,830 x 4,000 mm

