

INDUSTRIAL WELDING FUME FILTERING UNITS

Mobile Models



**One Handle
DFS-1M**

**Two Handles
DFS-2M**

Fixed Models



**One Handle
DFS-1S**

**Two Handles
DFS-2S**

- » Welding fume cleaning F8 filter with 99% efficiency
- » Aluminum grille for spark damping
- » Warning lamp for filter change
- » Process control lamp
- » 5 m feeding cable
- » 150 mm diameter suction hose
- » Optional acrobat arm lengths
- » Optional lighting
- » Active Carbon Filter for advanced applications

Technical Properties	DFS-1M	DFS-2M	DFS-1S	DFS-2S
	DFS-1MK	DFS-2MK	DFS-1SK	DFS-2SK
Feeding Voltage	380 V - 50 / 60 Hz	380 V - 50 / 60 Hz	380 V - 50 / 60 Hz	380 V - 50 / 60 Hz
Filtering Efficiency	≥ 99%	≥ 99%	≥ 99%	≥ 99%
Motor Power	1,1 kW	1,5 kW	1,1 kW	1,5 kW
Suction Capacity	3000 m ³ / h	2800 m ³ / h	3000 m ³ / h	2800 m ³ / h
Suction Capacity (For A Models)	2800 m ³ / h	2600 m ³ / h	2800 m ³ / h	2600 m ³ / h
Noise Level	72 dB (A)	72 dB (A)	72 dB (A)	72 dB (A)
Dimensions (1 x w x h)	650 x 750 x 1050 mm	650 x 750 x 1050 mm	655 x 755 x 935 mm	655 x 755 x 935 mm
Dimensions (For A Models) (1 x w x h)	650 x 750 x 1200 mm	650 x 750 x 1200 mm	650 x 750 x 1200 mm	650 x 750 x 1200 mm
Weight	96 kg	108 kg	90 kg	90 kg
Weight (For A Models)	115 kg	115 kg	110 kg	110 kg

HELIX UNITS

DES-MS

- » Portable unit that can transfer the gas accumulated in the tank and the pipes during welding
- » Easy hanging magnet hood for best suction performance
- » Standard lighting apparatus
- » 5 m standard hose extendable up to 20 m



DES-SS

- » Fixed helix unit
- » Standard 3 m acrobat arm (if requested 2 or 4 m acrobat arms can be provided.)
- » Optional lighting
- » Feeding Voltage



Technical Properties	DES-MS	DES-SS
Feeding Voltage	380 V - 50 / 60 Hz	380 V - 50 / 60 Hz
Motor Power	1,1 kW	1,1 kW
Suction Capacity	3000 m ³ / h	3000 m ³ / h
Noise Level	69 dB (A)	69 dB (A)
Dimensions (l x w x h)		650 x 500 x 250 mm
Weight	40 kg	37 kg