

Filters

W3 Filter Unit

Complete unit 1x230V 1,1kw and 3m extraction arm

Geovent W3 Filter Unit, is a W3 approved mobile extractor for extraction and filtration (>99%) of fumes, vapors, dust and gases. It is a complete Plug-and-Play unit, including:

- 3m ø160 mm extraction arm,
- 4 step filter (G4, F5, F9 and active carbon),
- 1,1kw 1x230V fan (Q_{\max} : 2.500 m³/h)

The arm is supplied ready for mounting on a robust powder coated sheet metal cabinet with rubber wheels. The arm is rotatable 360°

The polluted air is extracted and led into the filter unit via the extraction arm. The particles or gases are extracted from the airflow during a filtering procedure consisting of several stages and the cleaned air returns to the working space.

The filter unit is certified according to the international standard DIN EN ISO 15012-1 and tested by the Institute for Occupational Safety and Health of the German Social Accident Insurance (IFA) and approved for the filter class W3 as a mobile suction unit (IFA Nr. 201020469/1140).

Suitable for welding processes and soldering jobs.



15-200 W3 Filter Unit

Description

Trolley: robust and solid construction. The housing is made of sheet metal and coated with powder coated (RAL: 7015 and 7035). The filter-elements are easily accessible for maintenance and replacement through a hatch.

Hood:

Light weight ALU hood in Ø160 mm. The hatch is equipped with an integrated ergonomic handle. Covered in powder enamel yellow RAL1007.

Arm:

Aluminum profiles with tension springs.

Hose:

Ø165 mm Black P2A1000 in strong PVC/ polyester web with steel spiral. Temperature from -40°C to +100°C.

Filter:

Filter stage 1: filter mat G4

Filter stage 2: filter Macrofalt F5

Filter stage 3: activated carbon filter

Filter stage 4: particle filter F9

Separation degree: > 99%

Fan:

Fan performance: up to 2.500 m³/h

Max. pressure: up to 2.500 Pa

Motor data: 1,1 kW – 1x230V 50Hz

Current consumption: max 7,0 A

Noise level: ca. 72 dB(A)

Dimensions (WxDxH): app: 580 x 580 x 900 mm

Weight: 80 kg



On/off switch, operating hours and filter alarm.

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Easy to open hatch, with 4 step filters easy to inspect and replace.

Ordering table

Art.No	Description
15-200	Complete unit, incl arm 3m ø160, fan (1,1kw 1x230V) and 4 step filter kit. Plug and Play
15-205	Gross filter set (G4) for W3 Filter unit Pack including 10 sets
15-206	Pre filter (F5) for W3 Filter unit
15-207	Main filter (F9) for W3 Filter unit
15-208	Activated carbon filter for W3 Filter unit