

RAVEX® Fume Extraction Kit

The RAVEX® Fume Extraction Kit is designed to be able to capture and safely extract all types of fumes and gases, such as those resulting from spraying or painting activities.

How does this unit work?

The hood should be positioned as close to the activity as possible, enabling the powerful centrifugal fan to extract fumes and vent them straight to atmosphere via outlet ducting.

The RAVEX® Fume Extraction Kit features a heavy-duty steel centrifugal fan, which means that the airflow does not pass over the motor, making it safe for use with hot, flammable, abrasive and volatile fumes. However, when dealing with flammable volatile fumes, the fan itself should be located outside of the immediate work area. Spark arrestors can also be fitted to the capture hood if required. Where paint or aerosols are being extracted and there is the risk of overspray contaminating the inside of the extraction equipment, a prefilter should be used.

What is included in the RAVEX® Fume Extraction Kit?

Generally, this kit will include; a hood, intake ducting, a 300mm Centrifugal Fan and outlet ducting. A spark guard is available as an optional extra. All applications are different, therefore we may recommend an alternative set up (for example with a 450mm fan). Please note, this fume extraction kit is designed to extract fumes at source and vent straight to atmosphere, however if there is not a safe place to vent the fumes, a Ravex filtration kit will be required instead.

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Technical Specification	
Fan	Ventex 300M Centrifugal Fan
Maximum Airflow	6,000m ³ /h
Outlet ducting diameter	300mm or 450mm
Plug	32a 3-pin
Voltage	110v
Motor Size	2.4 KW
Start Current	95 amps
Running Current	31 amps
Minimum Power Supply	5kva continuously rated transformer
Generator required*	6 Kva generator c/w 5 Kva rated transformer
length	1,000 mm
width	620 mm
height	940 mm
Weight	75Kg
Lifting method	Wheels and Handles

Features & Benefits

- ✓ Flexible centrifugal extraction system.
- ✓ Extract fumes up to 90m.
- ✓ Manage hot, flammable and abrasive fumes.
- ✓ 110v 32a or 415v 32a.

Key Applications

- ✓ Abrasive fumes
- ✓ Flammable fumes
- ✓ Toxic fumes
- ✓ Flammable gasses and solvents
- ✓ Toxic gasses
- ✓ Hot works

*Power cable length and the need to power other equipment may influence the exact generator size required.

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Examples of the Fume Extraction Kit on site.

