

VENTEX® Centrifugal Fan 450S ATEX

The centrifugal design of the VENTEX® Centrifugal Fan 450S ATEX means that the airflow does not pass over the motor, this makes it a suitable solution for safely extracting fumes, gases, dusts and vapours from hazardous work spaces.

This very powerful and mobile fan can maintain pressure over long duct runs, making it ideal for forced ventilation or extraction from work spaces deep within tanks and vessels. The fan complies with the European ATEX Directive (2014/34/EC), making it suitable for use in potentially explosive atmospheres.

The fan has a quiet operation, high airflow, excellent pressure performance and centrifugal design to make it a suitable solution for a variety of applications, including dust and fume extraction and filtration.

The VENTEX® Centrifugal Fan 450S ATEX is RVT's most powerful mobile fan for use in hazardous areas.

Features & Benefits

- ✓ Powerful airflow and pressure
- ✓ ATEX and IECEX dual certified for Zone 1/22 inside the fan, Zone 1/21 outside the fan
- ✓ Suitable for use with particulate and gas filters
- ✓ Good performance from a compact unit
- ✓ Safe to provide ventilation in hazardous areas
- ✓ Quick to deliver to site

Key Applications

- ✓ To provide fresh air ventilation to hazardous areas
- ✓ Extraction from ATEX Zones 1/22
- ✓ Extraction of gases, dusts and vapours from tanks and vessels
- ✓ Paint fume extraction and filtration in conjunction with activated carbon filtration

**ATEX
CERTIFIED**



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VENTEX®

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Certifications and Approvals

IECEX CONFORMITY CERTIFICATE No. IECEX SIR 17.0076X

UKEX CONFORMITY CERTIFICATE CSAE 21UKEX6296X

ATEX CONFORMITY CERTIFICATE No. Sira 09ATEX6230X

Whilst RVT Group take every precaution to ensure products are fit for purpose, it is ultimately the responsibility of the end user to ensure compliance with any Hazardous Area Classification.

Technical specifications	
Max Airflow	20,000 m ³ /hr
Outlet ducting	450mm
diameter Inlet Ducting	500mm
Diameter Pressure	800Pa
Motor size	11.5kW
Speed	2920 rpm
Power Supply	400kw 3 phase 50 Hz
Size h x w x l	1214mm x 952mm x 1053mm
Weight	500kg

