

### VENTEX® Centrifugal Fan 300M ATEX

Based on the VENTEX® Centrifugal Fan 300M ATEX, this unit has the same level of performance, but the motor has been changed to a low voltage motor to comply with the European ATEX Directive (2014/34/EC). This directive applies to the manufacture of products which are used in potentially explosive atmospheres.

This high powered centrifugal fan has an airflow of 5400 m<sup>3</sup>/hr and is available with an optional 4-way spigot. When used with ducting, this unit is suitable for extracting contaminated air, or forcing in clean air, depending on set up.

#### Important Operational Instructions

Machine must be located on a firm level surface and secured if near an edge. Keep inlet area clear of any rubbish or debris. Keep duct runs as straight as possible. Outlet fan / ducts should be pointed away from work areas / dusty environments. Filtration can be supplied if required. Motors get hot during use. Due to a high start current surge, the transformer should be wired to a board with a min. 20A trip.

#### Features & Benefits

- ✓ High powered centrifugal fan 110V/415V
- ✓ Supply Long duct runs up to 80 metres
- ✓ Mobile Use for dust and fume filtration
- ✓ Suitable for extraction of exhaust or paint fumes
- ✓ Available with soft start
- ✓ 110V/415V
- ✓ Moves in excess of 15mtrs/sec when multiple 100mm ducts are on the intake

#### Key Applications

- ✓ High temperature extraction
- ✓ Volatile fume extraction
- ✓ Long distance ventilation
- ✓ Ideal for use in environments with potentially explosive atmospheres.



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# VENTEX®

## VENTEX® Centrifugal Fan 300M ATEX

Technical specifications	
Power rating	2.2 Kw
Voltage supply	16A 415v
Speed	2850 rpm
Airflow m3/hr	5400
Start current	80 A
Run current	8 A
Noise at 1m (without attenuation)	90.5 dB
Noise at 3m	86 dB
Weight	160 Kg
Outlet & Inlet diameter	300mm
Max.recommended ducting length	80M
Length	1050mm
Width	830mm
Height	920mm

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

## Certifications and Approvals

ATEX – 2014/34/EU  
Low Voltage Directive (2014/35/EU)  
EMC Directive (2014/30/EU)  
BS EN ISO 5801:2008  
BS EN ISO 13351:2009  
BS EN ISO 12499:2008  
BS ISO 14694:2003 +A1:2011  
BS ISO 14695:2003  
BS EN 14986:2007  
BS EN 80079-36:2016  
BS EN 80079-37:2016  
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