VENTEX®

Ventex Centrifugal Fan 450S

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The 450S is a powerful Centrifugal fan, designed to provide high airflow through long duct runs.

This makes it ideal for forced ventilation or extraction from confined areas such as basements, shafts, tunnels and sewers.

The centrifugal design means the airflow does not pass over the motor, making it suitable for hot, flammable or abrasive applications.

Its' quiet operation, high airflow, excellent pressure performance and centrifugal design combine to make the 450S well suited for a variety of applications, including dust and fume extraction and filtration.

It is designed to suit either 450mm or 600mm outlet ducting, and 500mm intake ducting.



Features & Benefits

- 20,400m3 /hr airflow
- Effective with long duct runs Use with filtration to manage dust and fumes
- 415v 32a
- Ideal for large spaces that require greater airflows
- Safer for extraction of hot or flammable fumes

Key Applications

- Long distance ventilation
- High pressure extraction through filtration
- Tunnel ventilation
- This fan can be used to extract dust, toxic fumes and toxic gasses

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Fan Unit	Ventex 450S Centrifugal Fan
Maximum Airflow	20,400m3/h
Outlet ducting diameter	450 or 600mm
Intake ducting diameter	500mm
Plug	32a 5-pin
Voltage	415v
Motor Size	5.5kW
Switch Type	Star Delta
Start Current	78 amps
Running Current	11.2 amps
Length	1400mm
Width	1100mm
Height	1450mm
Generator size	30 Kva
Minimum Power Supply	'D' rated MCB
Attenuator / Attenuation	Optional
Weight	315kg
Lifting Method	Forks / Lifting slings
Noise*	72 – 84 DbA @ 3m

Power cable length and the need to power other equipment may influence the exact generator size required.
* Noise levels are given as a guidance only, as the location and loading of the fan will affect the final noise output. Noise levels will be at their loudest opposite the intake

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