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PNEUMATIC FAN 500MM

The 500mm (20") TYPHOON Ventilation fan is a light, portable, multi blade unit designed for auxiliary ventilation of industrial, mining and construction applications.

The rotational/motive force for the urethane multi blade rotor is obtained from reactional air jets located at the blade extremities.

Efficiency of fan propulsion is enhanced by the rotor design, which contains air sealing components, bearings and seals, with the complete assembly including blades rotating on a dead shaft.

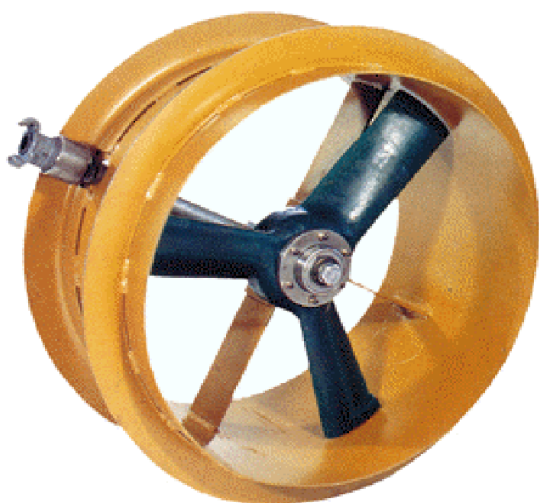
The design of the fan blades and rotor is such as to require zero dynamic balancing to achieve the required level of balance.

The outer casing for mining applications is of fabricated mild steel construction with end flanges to suit selected ducting.

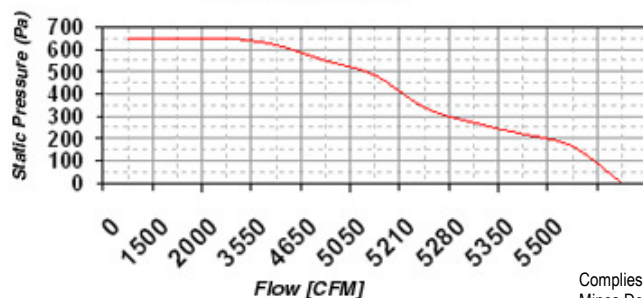
Industrial and other applications can, as an alternative use a reinforced fire resistant anti-static (FRAS) fibreglass casing, resulting in an ultra light, highly efficient air mover/unit.

Fan speed and output can be varied infinitely, by simply adjusting the air supply to the unit.

A mesh guard can be fitted as an optional accessory for applications where it is not mounted in duct work.

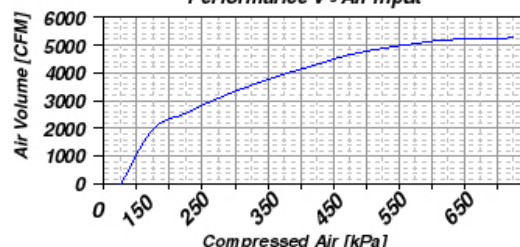


ø500 Auxiliary Ventilation Fan
Performance Chart



Fan Diameter	500 mm
Housing Diameter	521 mm
Housing Length	300 mm
Weight (fiberglass)	12 kg
Weight (steel)	27 kg
Delivered Air	2.8m ³ / sec @ 650 (kPa)
Air Consumption	35 lt/sec @ 2.8m ³ /sec
Sound Power	93 dB(A) @ 2.8m ³ /sec

ø500 Auxiliary Ventilation Fan
Performance v's Air Input



Complies With MDG No.37 March, 1999
Mines Department Approval No. Mda910091 & 910091/A.)

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