



## AIRDRAULIC BIRCO GROUP PTY LTD

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A B N 47 002 890 477

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# PNEUMATIC FAN 600MM

The new **TYPHOON** series fan has been specifically developed to meet the demands of ducted underground auxiliary ventilation systems.

The **TYPHOON** develops greater pressure at higher volumes than any other fan in its class, making it especially suited to the high pressure loads inherent in ducted systems. The result is more airflow where you need it.

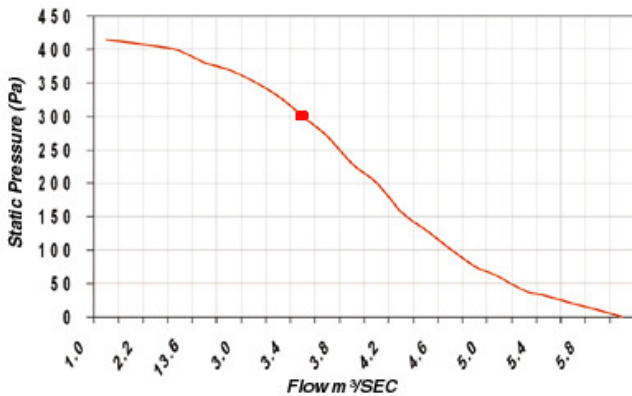
The fan design also allows for the direct coupling to most ducting used underground (Mineglass, Layflat etc..).

The dynamically balanced nine bladed fan is driven by a special high output TurboVane motor and is constructed of Mines department approved Statkon, Antistatic, Glass reinforced ultra violet stabilised material. The blades are coupled to the Mines Department approved Zinc Alloy ("Zamak G") hub, then fastened to the motor shaft through a 1615 taper lock coupling. The blade and motor assemblies are housed in a Hand laid MDA FRAS Fiberglass cowling.



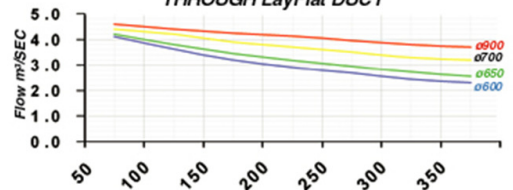
Fan Diameter	600mm
Housing Diameter	618mm
Housing Length	500mm
Weight	35kg
Free Air Operation	6.5m <sup>3</sup> /sec
Output	5.2m <sup>3</sup> /sec @ 600Pa Comp. Air
Output	5.5m <sup>3</sup> /sec @ 650Pa Comp. Air
Air Consumption	80 lt/sec @ 650 (kPa)
Sound Power	93 dB(A) @ 5.5m <sup>3</sup> /sec

ø600 TYPHOON Performance

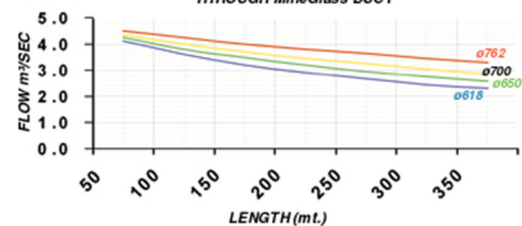


Blades: AS 2380.1 - 1989: Electrical equipment for explosive Atmospheres Explosion protection techniques.  
Hub AS 3584 - 1988: Diesel Engine Systems for Underground Coal Mines (as relative to engine fan.)

AIR FLOW THROUGH LayFlat DUCT



AIR FLOW THROUGH MineGlass DUCT



### DISTRIBUTORS OF:

- \*Edco Surface Preparation Tools \*Macdonald Air Tools \*Timbering Chainsaws \*Rock Drills \*Drilling Equipment \*Picket Post Driver \*Air Hose & Fittings
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- \*VAF Fans \*Venturi Air Movers \*Gas Heaters \*Submersible Pumps \*Transfer Pumps \*Puddle Pumps \*Layflat hose and fittings \*Bauers & Camlocks
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