



### AF680 V10 – TYPHOON V10 600MM AIR FAN

The Typhoon V10 600mm pneumatic air fan is a robust air fan for use in underground coal mines, hard rock mines and construction sites. The fan can be used for ventilation purposes to either draw polluted air or gases away from an area or to ventilate with clean air.

The outer housing is constructed from Fire Resistant Anti-static (FRAS) fiberglass. The guards and housing of the air motor are of a steel construction. The nine blade impeller is made from Anti Static Glass Reinforced Polyamide (PAGAS) material which is suitable for explosive environments.

The fan can be used as a stand alone unit or with ducting fitted over the outer housing. Two hanging points are provided so that the fan can easily be mounted with chain or straps from a roof.

The air inlet is a standard 2" minsup snap coupling style. The air stream requires light lubrication as detailed on the specifications layout page.

The fan comes standard with a motor silencer box and earth cable.

### APPLICATION

- Hard rock mines
- Coal mines
- Tunnels and shafts
- Sewers and manholes
- Refineries
- Tanks and ship's holds

### FEATURES

- FRAS cowling
- Air motor powered
- 9 blade impeller
- Variable speed
- Variable pitch blades

**For SALES, SERVICE & SUPPORT contact:**

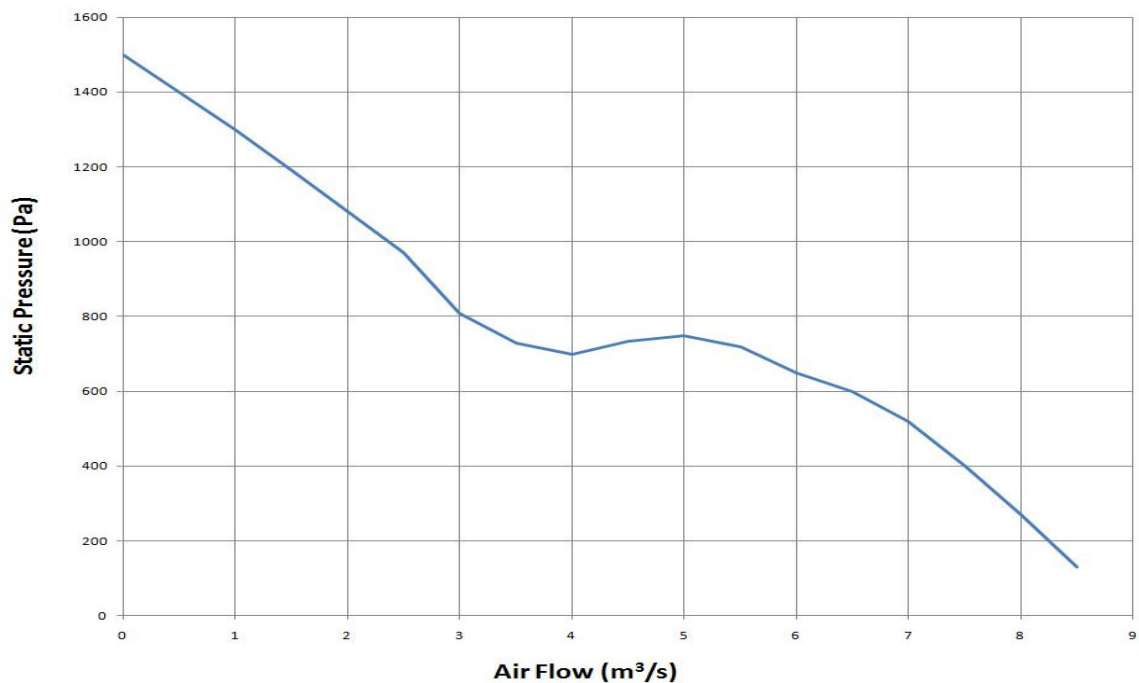
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#### Technical specifications

|  |                        |
|--|------------------------|
| Fan Diameter                             | 600mm                  |
| Housing Diameter                         | 618mm                  |
| Housing Length                           | 520mm                  |
| Weight                                   | 48kg                   |
| Delivered Air @ 600 kPa                  | 8.1m <sup>3</sup> /sec |
| Air Consumption @ 8.1m <sup>3</sup> /sec | 145 L/sec              |
| Sound Power @ 8.1m <sup>3</sup> /sec     | 98 dB(A)               |

#### PERFORMANCE GRAPH



#### AIR FILTRATION AND LUBRICATION

Use of 64 micro filter  
 Drop rate of 8-10 drops/min continuous operation  
 Drop rate of 14-16 drops/min intermittent operation

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