



# CLARK TYPHOON 600mm FRAS FAN

Product Data Sheet



## CLARK TYPHOON 600mm FAN

The Clark Typhoon 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 Buzzard 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 Type A 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

### Features:

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

### Applications:

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



*Designers and  
manufacturers of  
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## Technical Specifications

Fan Diameter: 600mm

Housing Diameter: 618mm

Housing Length: 520mm

Weight: 35kg

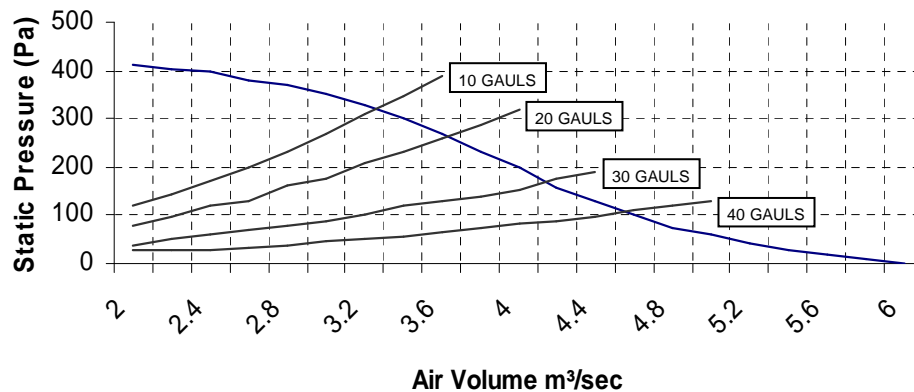
Delivered Air @ 5.2m<sup>3</sup>/sec      600 (kPa)

Delivered Air @ 5.5m<sup>3</sup>/sec      650 (kPa)

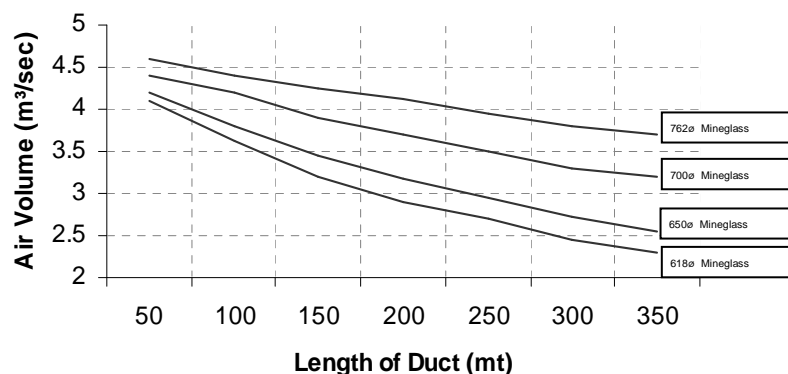
Air Consumption @ 5.5m<sup>3</sup>/sec      80 lt/sec

Sound Power @ 5.5m<sup>3</sup>/sec      93 dB(A)

## Performance Graph



## Air Flow Through MINEGLASS Vent Duct



Use a 64 micron filter.

Drop rate of 6-7 drops/min continuous operation

Drop rate of 12-15 drops/min intermittent operation



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