

Axial Flow Fans TGT series

TGT

Range of adjustable pitch aerofoil blade, cased axial flow fans. Casings formed from rolled sheet steel with a corrosion resistant hot dipped galvanised finish.

All models incorporate separate high grade die-cast aluminium blades locked within a pressed sheet steel hub. Suitable for horizontal or vertical airflow installation.

All models are available in both short and long casing versions.

Long casing version (L) include an exterior terminal box, (LP) includes an inspection door.

1400 and 1600 models include, as a standard version, external terminal box.

Motors

Available, depending upon the model:

- with three phase motors in 2, 4 or 6 poles.
- with three phase two speed motors 2/4, 4/8 or 6/12 poles.

All the motors are IP55, Class F insulation.

Electrical supplies:

Three phase 230/400V-50Hz up to 3kW.

(*Check Easyvent for 60Hz available models)

Three phase 380-415V-50Hz, for higher power motors and two speed motors.



Performance curves

To select TGT fans refer to S&P selection software Easyvent.

Attributes



Corrosion resistance

Casings formed from rolled sheet steel with a corrosion resistant hot dip galvanised finish.



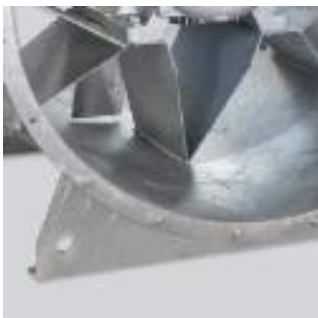
Support motor

Manufactured from galvanised sheet steel. (Models from 400 to 800).



Aerodynamic motor support

Aerodynamic design of the motor support to optimise airflow performances.
(Models from 900 to 1250).



Motor support (1400 and 1600 mm diameter):

Welded on the fan casing. The whole assembly with a corrosion resistant hot dip galvanised finish.



Impeller dynamically balanced

according to ISO 1940 standard, providing vibration free operation.



Wide blade design: higher pressure

Blade design to ensure the highest efficient airflow performances.

Configuration 1: 400 to 800/6 models.

Configuration 2: 800/9 to 1600 models.



Terminal box

External terminal box, situated out of the airflow (long casing standard versions).