



## TUBULAR AXIAL FANS TGT Series

### TGT

Cylindrical cased axial flow fans, for general ventilation.

Casings formed from rolled sheet steel with a corrosion resistant hot dip galvanised finish to EN 1461. Corrosion resistance category C4.

Variable pitch angle impeller, dynamically balanced to ISO 14694: G6.3, made from high grade aluminum. Hubs made from aluminium or pressed sheet steel, depending on diameter and mechanical requirements.

Standard air operation temperature range: -20°C to +40°C.

Short casing versions:

(C) Standard

(CK) Includes an external terminal box for ease of connection.

Long casing versions:

(LK) Includes an external terminal box for ease of connection, and a spy hole to check impeller rotation.

(LP) Includes an inspection door for easy access to motor.

(LPK) Includes both external terminal box and inspection door.

Check EasyVent to select the most suitable configurations for the installation and obtain the corresponding datasheets.

Soler&Palau Sistemas de Ventilación SLU certifies that this model is licensed to bear the AMCA Seal for Sound and Air Performance. The revision version is EasyVent v20251001, Oct. 2025. Certification may be checked at [AMCA](https://www.amca.org/certify).

#### Motors

Single speed in 2 and 4 poles.

IE3 efficiency category from 0,75kW onwards, IE2 minimum for lower kW motors.

IE4 efficiency category for motor powers from 75kW to 200kW.

Not applicable to 8 pole or two speed motors.

All motors are IP55, Class F insulation.

Electrical supplies:

Three phase 220-240/380-415-50/60Hz up to 3 kW.

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

Suitable for inverter control.

60Hz versions available in EasyVent.

#### Other data

Standard air direction Impeller-Motor (Form B).

Suitable for horizontal (B, A) or vertical (BD, AU) mounting installation.

Diameters 1250 with motor size IEC250 and above, 1400 and 1600 with long casing version come with pre-mounted support feet for horizontal installation.

#### On request

Single speed motors in 6 poles.

Two speed motors in 2/4, 4/6, 4/8 and 6/12 poles.

Motors provided with PTC thermistor or space heaters.

Casing in stainless steel or paint finish.

Air direction Motor-Impeller (Form A).

Reversible impeller (AB).



## Attributes



#### **Corrosion resistance**

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

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#### **Support motor**

Manufactured from sheet steel with a corrosion resistant hot dip galvanised or Magnelis finish. (Models from 400 to 800).

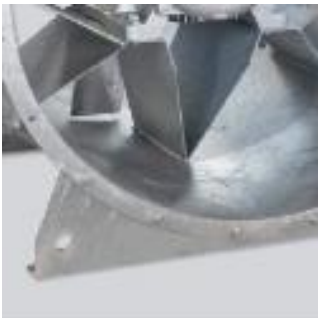
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#### **Aerodynamic motor support**

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

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#### **Motor support (1400 and 1600 mm diameter):**

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

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#### **Impeller dynamically balanced**

according to ISO 1940 standard, providing vibration free operation.

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**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).