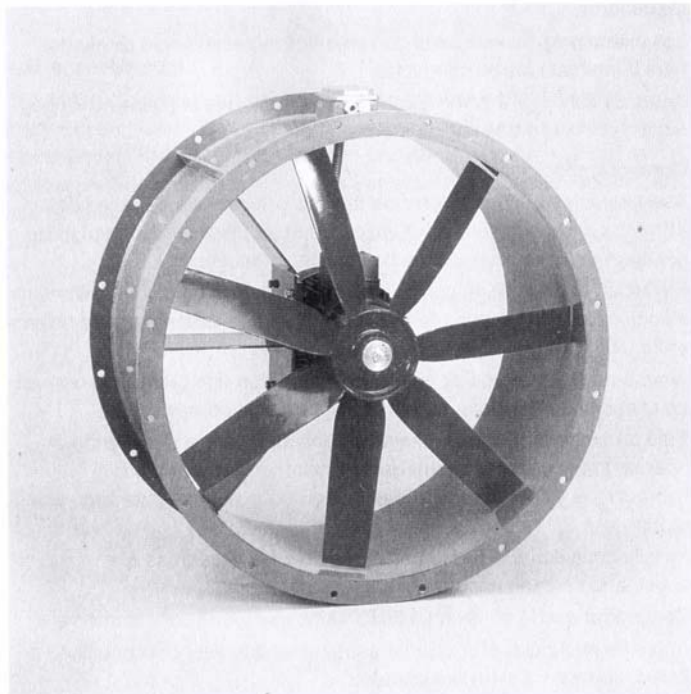


Serie TBT



## English

The fans in this series have been manufactured to the rigorous standards of production and quality control as laid down by the international quality standard ISO 9001.

We recommend you check the following points on receiving your fan:

1. That it is the correct size.
2. That the execution is correct.
3. That the details on the rating plate are those you require: voltage, frequency, speed, etc.

Installation should be made according to current regulations in each country.

## Installation

The fans in this series have been designed to be installed in a ducting system.

Before making any electrical connection, check that the impeller is not obstructed in any way.

## Electrical Connection

Check that the voltage and frequency of the mains are the same as those indicated on the rating plate on the fan (max. variation of voltage and frequency  $\pm 5\%$ ).

Once working, the current absorbed by the motor must not exceed that indicated on the rating plate.

Enclosure specification IP 44 against entry of dust and water. Class "B" electric insulation which allows working temperatures between  $-40\text{ }^{\circ}\text{C}$  and  $+40\text{ }^{\circ}\text{C}$ .

Some of the models in this series incorporate thermal protection in the motor winding.

The thermal protector when connected in accordance with the diagram enclosed stops the motor when there is a problem, thus avoiding overloads and excessive temperatures and giving longer motor life and greater user safety.

The diagrams accompanying each unit must be followed when connecting to the mains.

Check that correct connection has been made to earth.

Before handling the fan, make sure that it is disconnected, even if it was previously switched off.

## Impeller

The impeller is dynamically balanced.

## Working conditions and maintenance

The temperature of the air through the unit must not exceed  $40\text{ }^{\circ}\text{C}$ .

Avoid excessive accumulation of dust and dirt on the fans which makes cooling difficult and may affect the balance of the impeller.

Clean regularly.

The motor incorporates ball bearings which need no greasing.

## Accessories

There is a range of accessories to facilitate and complement the installation of the fans in these series which may be obtained in the same establishment where you bought the fans.

Soler & Palau reserve the right to make changes without previous notice.