# **CBM**

Ventiladores centrífugos Centrifugal fans Centrifuge simple ouïe Einbau-und Bentriebsanleintung Radiallüfter Ventilatori centrifughi Ventiladores centrífugos Wentylatory promieniowe Centrifugális ventilátorok



#### **ENGLISH**

The fans these series have been manufactured to the rigorous 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. (wall, tubular, etc.)
- 3. That the details on the rating plate are those you require: voltage, frecuency, speed, etc.

Install according to current regulations in each country.

### Installation

Mount the extractor in a site well protected from the weather.

Make sure that the fan is protected against vibration and Knocks.

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

## **Electrical Connection.**

Check that the voltage and frecuency of the mains are the same as those indicated on the rating plate on the fan (max.

variation of tension and frecuency  $\pm$  5%).

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

This series incorporates thermal protection in the motor winding.

The thermal protector stop the motor when there is a problem, thus avoiding overloads and excessive temperatures, giving longer motor life and increasing user safety.

Connection to the mains be made following the diagrams accompanying each unit.

Check that correct connection has been made to earth.

Before handling the fan, be sure that it is disconnected, not just switched off.

# Impeller.

The impeller is dynamically balanced.

# Working conditions and maintenance.

The temperature of the air throungh the unit must not exceed 40 °C.

Avoid excessive accumulation of dust and dirt on the fan which

makes cooling difficult and may affect the balance of the impeller.

Clean regularly.

All fans wether fitted with sleeve bearlings or ball bearings will require no lubrication.

#### Accesories

There is range of accessories to facilitate and complement the installation, which may be obtained in the same establishment where you boungt the apparatus (see accessory selection table).

S&P have range of speed controlleres both for single and three-phase units.

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

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Ventilador Fan Ventilateur Ventilatoren Ventilatori Ventilador Wentylatory Ventilátor	Defensa de aspiración Inlet guard Protection a l'aspiration Berühungsschutzgitter (saugselting) Griglia de protezione (bocca d'aspirazione) Defesa do lado da aspiraçao Oslona wlotu Szivó oldali védőrács
CBM-180/180 1/10CV CBM-180/180 1/5CV	DEF-180/71
CBM-240/180 1/6CV CBM-240/180 1/3CV	DEF-240/71
CBM-240/240 1/6CV CBM-240/240 1/3CV	DEF-240/71
CBM/4-240/240 1/2CV	DEF-240/80
CBM-270/200 1/3CV	DEF-270/71
CBM-270/200 1/2CV CBM/4-270/200 1/2CV	DEF-270/80
CBM-270/270 1/3CV	DEF-270/71
CBM-270/270 1/2CV CBM/4-270/270 3/4CV	DEF-270/80
CBM-320/240 3/4CV CBM-320/240 1,5CV	DEF-320/80
CBM-320/320 3/4CV CBM-320/320 1,5CV	DEF-320/80
CBM-380/380	DEF-380/100