



## VHE - VCM

### Motorised axial fans

**L**EROY-SOMER has been the partner of refrigeration and air conditioning manufacturers for many years. The company's experience, acquired from some of the greatest names in the profession, makes LEROY-SOMER a specialist in the motors and motorised fans fitted on machines produced by these industries.

LEROY-SOMER now presents its ranges of **motorised axial fans**, **VHE** (compact) and **VCM** (pad-mounted), designed to meet the requirements of refrigeration and air conditioning professionals.

These ranges consist of 5 propeller diameters (650 – 710 – 762 – 800 and 900 mm) which can obtain air flows of 10,000 to 30,000 m<sup>3</sup> /hr.

The excellent performance of the **VHE** and **VCM motorised fan** ranges make these products particularly suitable for refrigeration and air conditioning applications.

They comply with energy saving and environmental requirements:

- ◆ **A very low sound level**, for example the sound power level  $L_w$  is 72 dB(A), for the VHE 710 with an 8-pole motor
- ◆ **Excellent efficiency of the motorised fan assembly**, for example: 0.30 overall static efficiency for the VHE 710 with a 6-pole motor.

Finally, the new **VHE** range has been designed with the smallest possible axial dimensions, comparable to that of motorised fans with an external rotor, while retaining the advantages of motors with an internal rotor, which are:

- mechanical robustness
- IP55 protection.