

New ranges !

LSHT - FLSHT



Asynchronous motors for smoke extraction fans

LEROY-SOMER designs, manufactures and sells **smoke extraction motors** capable of withstanding **temperatures over 200°C and for a period**, these values being predetermined by the standards.

These motors are distinguished by their 5 special features:

◆ LEROY-SOMER technology

These high-tech motors are able to withstand very high temperatures thanks to their customised windings, reinforced insulation, and special bearings, lubricants, paints and finishes suitable for the harshest conditions of use.

◆ Safety

With its long experience in all areas of smoke extraction, **LERROY-SOMER** has obtained official approval from the French Laboratory CTICM for its 5 ranges of smoke extraction motors, in conformity with European standards and regulations in force.

◆ Adaptability

Installed either inside or outside the air flow, these special motors are used to drive all types of smoke extraction fans (helical, axial, centrifugal, radial, etc).

In the standard version, they are manufactured non-ventilated, with flying leads of 1 m. However, numerous certified options are also possible (ventilated, terminal box, etc).

◆ Interchangeability

The installation dimensions for these ranges conform to European standard IEC 60072-1.

◆ Complete new ranges

Conforming to the new 12101-3 European Standard, LEROY-SOMER smoke extraction motors range **from 0.4 to 400 kW** with single- or multi-speed versions, or with variable speed. They are built with housings in aluminium alloy **(LSHT)** or cast iron **(FLSHT)**, which allow their use in high-temperature risk conditions **(200 to 400 °C)** for **up to 2 hours**.