

HP COMBI – MOTOR/DRIVE PACKAGE

HP Combi is two in one, an innovative marriage between a permanent magnet synchronous motor and a variable frequency drive.



Thanks to the harmonious development of the motor and drive, it's possible to optimize the performance of the package by adapting them to the needs of individual applications by **synchronising motor and drive as a single package**.

A system intended both for variable torque applications, typically HVAC, and for constant torque applications such as material handling, air compressors and vacuum pumps. Easy configuration, increased system efficiency and **up to 50% reduction in size and weight**.

Key benefits of HP Combi

- **Drive pre-configuration** that allows for immediate use after installation
- **IP66 / NEMA 4X** outdoor protection for decentralized installation
- **Precise speed control** and system optimization
- **A single supplier** for the motor and drive
- **Three motor/drive configuration packages: Smart, Flow and Plus** to satisfy application needs
- **Advanced electronic control** that allows you to configure the drive through HP Drive Tools

Save energy with HP Combi

Electric motors have a significant impact on global energy consumption: more than 75% in the industrial sector and 40% in the commercial sector. Today, increasingly demanding legislation for energy efficiency and the industry's greater awareness of environmental responsibility are changing the world of electric motors towards the use of more efficient solutions.

Lafert once again embraces the challenge and confirms itself as the leading company in energy efficiency solutions. In fact, HP Combi is the peak of energy saving solutions: it is a combined package of an IE5 motor and dedicated drive. HP Combi achieves significant energy savings and a reduction in energy costs of up to 50% thanks to maximum speed control from a VFD, our high-efficiency motor with permanent magnets and the variety of configurations we offer to best suit your application's needs.

Lafert is a European leader in the design and manufacturing of customized electric motors and drives particularly in the industrial automation and energy saving sectors. It develops electric motors that improve efficiency in terms of reliability, performance and compactness. This comes from the investment in research and people, from the desire to always propose innovative solutions.