Product description: Floating HP module

The Floating High Pressure (HP) Module allows automatic modulation of the High Pressure setpoint, mainly based on the outdoor temperature. By regulating the condensing pressure at an optimal value, the Floating HP Module allows:

- **The power consumption of the compressor/condenser to be reduced**
- **The coefficient of performance of the installation to be increased.**

As this module enables energy savings, it is **eligible for EEC bonuses.** Matelex will help you to create and track your application.

Simulate the amount of my bonus

Composition of the Floating HP Module

The HPF Module does not require any sensors to operate. It communicates with the DNI and manages the relay outputs to control the ventilation stages. The HPF Module has 4 relays for 4 ventilation stages.

If the 4 stages are not sufficient, 1 to 2 additional Relay Modules with 4 stages each can be added. The maximum configuration of an HPF Module + 2 Relay Modules will give 12 ventilation stages.

Note that the HPF Module can drive an inverter using 4-20mA or EC motors directly using 0-10V.

DNI and Floating HP Module

The computing power of the DNI is made available to the Energy and Floating HP modules, thereby exceeding the benefits brought by conventional regulation using floating high pressure. The DNI continuously analyses the operating parameters of the installation. Thanks to the additional data provided by the energy module and the savings generated by the floating high pressure regulation, the trio of DNI, Energy Module and Floating HP Module offers a comprehensive solution to improve the technical and economic performances of installations.

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