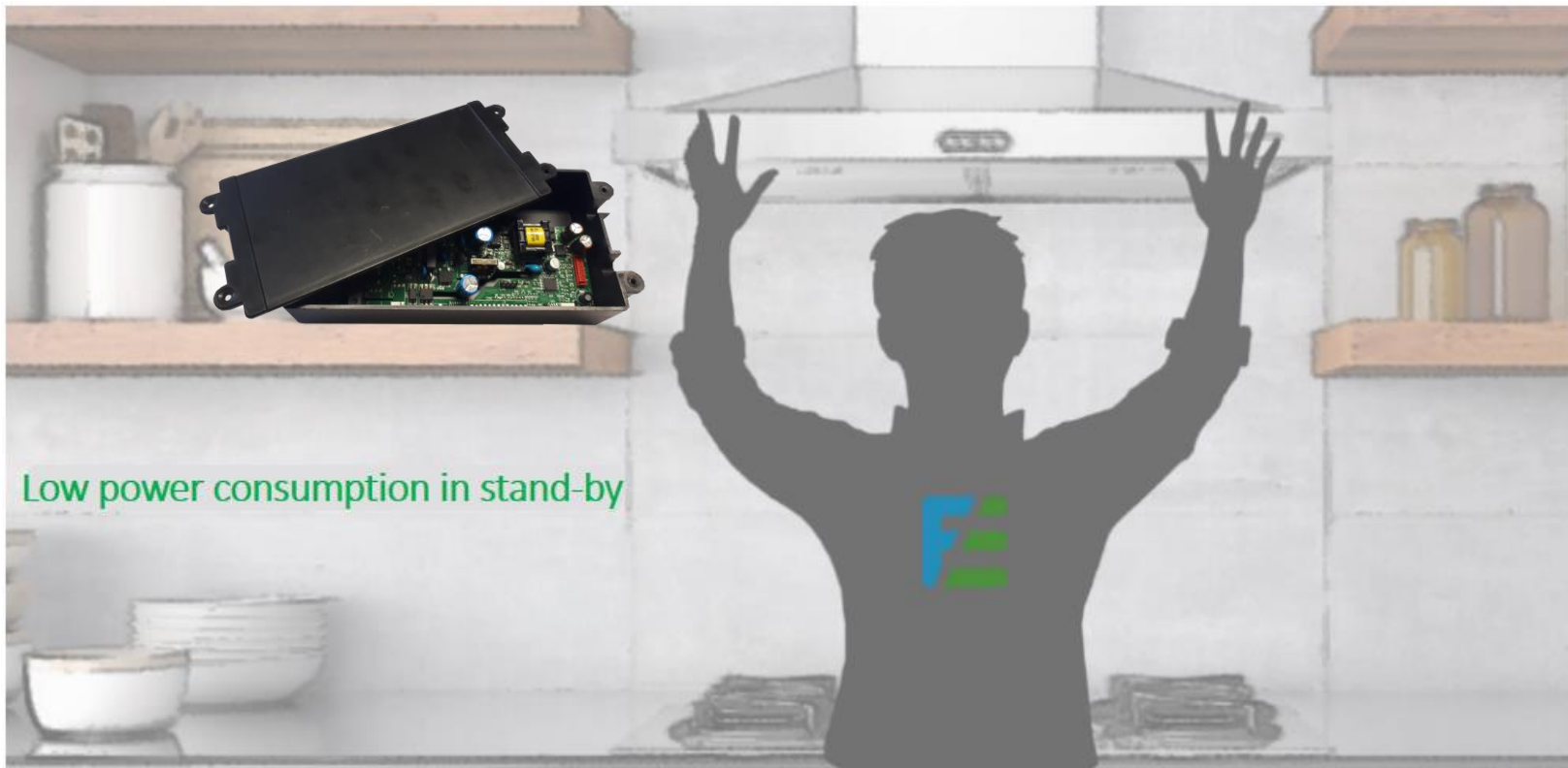


LOW CONSUMPTION CONTROLLERS FOR DOMESTIC HOODS

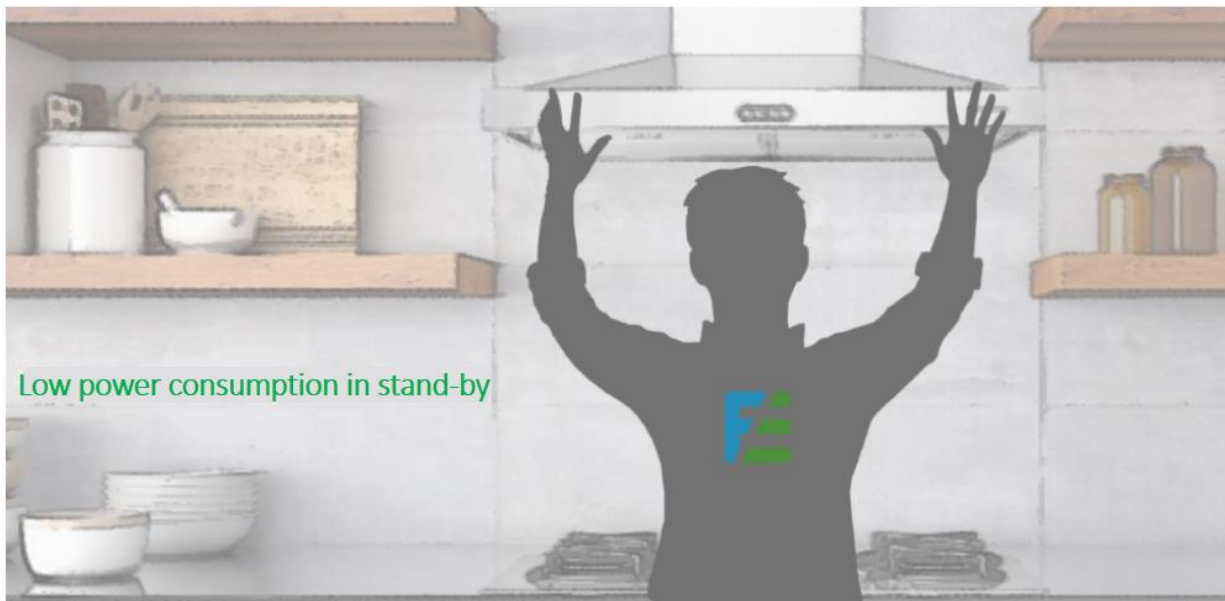


LOW CONSUMPTION CONTROLLERS FOR DOMESTIC HOODS

We offer a highly customizable electronic control system for domestic hoods, designed to meet the needs of a clientele that is attentive to both efficiency and performance, ergonomics and design.

In accordance with Directive 66/2014 on stand-by low power consumption, our domestic suction controller allows you to manage optimally all the features of a domestic kitchen hood. Simple to control, through different types of interfaces with mechanical or capacitive keys.

The proposed systems alert you when cleaning or filter replacement is required to ensure a healthy, safe and comfortable kitchen environment.



Electronic controller for domestic hoods (standard configuration)

The proposed controller is an extremely practical, functional and economical solution for managing and controlling a domestic hood.

The power board, housed inside a plastic box, can be combined with two types of keyboard:

p/n FE1034: Power board + control panel with 6 mechanical keys + 4 red LEDs

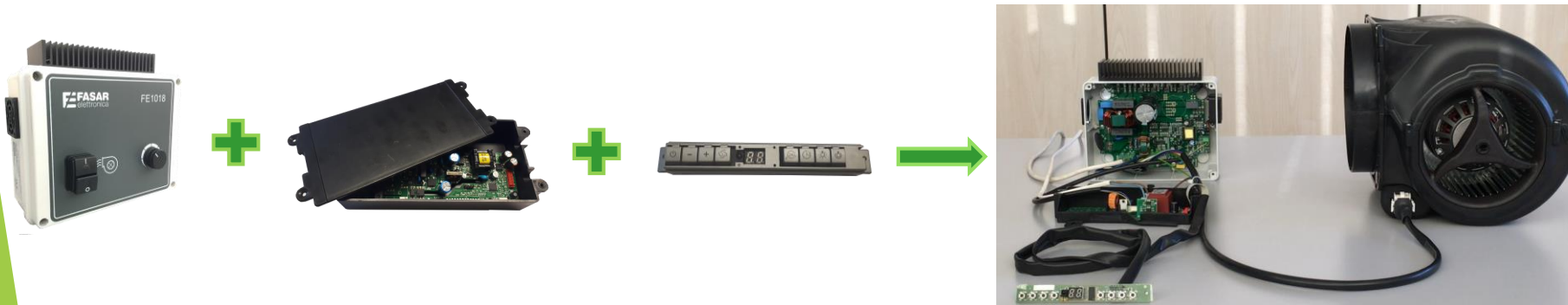
p/n FE1035: Power board + control panel with 8 mechanical keys + 2 digits with seven red segments



Domestic hood control via inverter

In addition to the phase-angle control, we propose the control of a domestic hood with the inverter technology.

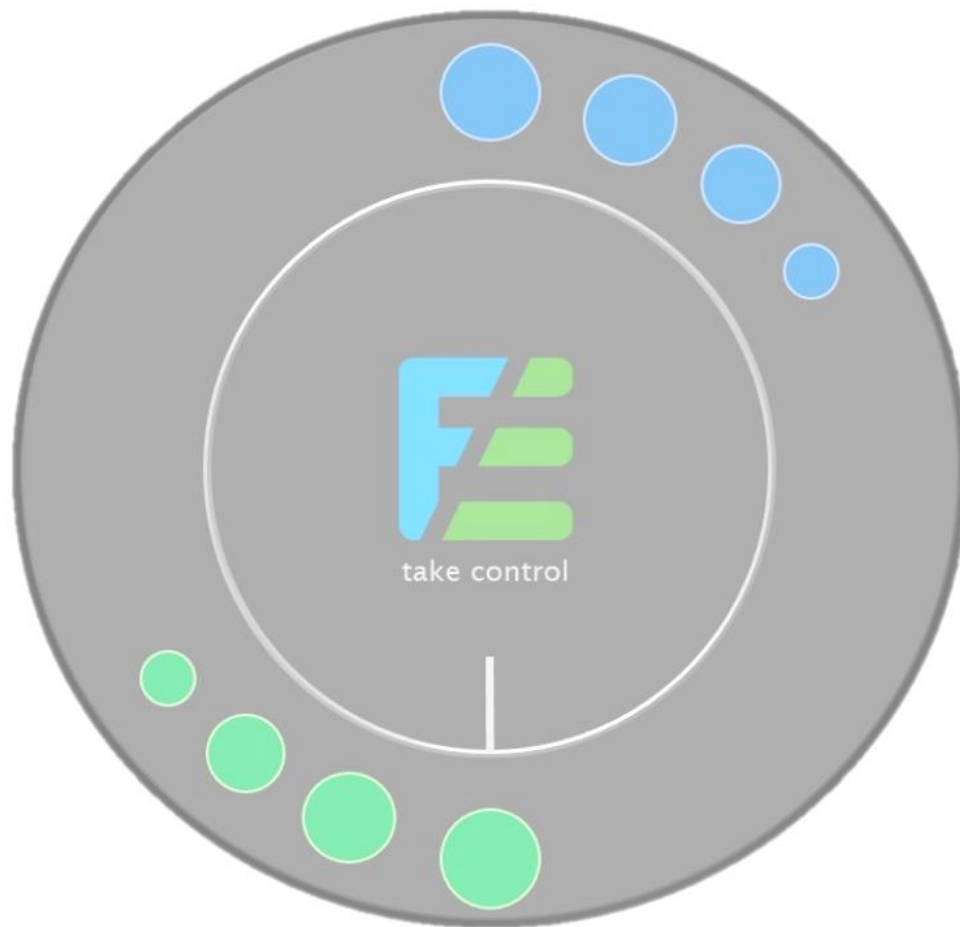
Significant advantages: a wide dynamic adjustment, less stress on the motor due to the slow start and stop and low consumption allowing you to save money. In the video section of our website there is a demonstration video.



Technical features

FE1034 / FE1035	
Power supply	Extended range switch mode 85-265 Vac 50-60 Hz
Microprocessor control system	Yes
MOTOR output	<ul style="list-style-type: none"> a) Phase angle with triac (max 1,5A) b) PWM 10Vpp Control signal (freq. 10 KHz) + 230 Vac relé for power supply (max 7A resistive load) c) 0-10Vdc control signal + relay for 230 Vac power supply (max 7A resistive load)
LIGHT output	<ul style="list-style-type: none"> a) ON/OFF with triac 0,8A max (dimnable trough phase angle) b) ON/OFF with relay 7A max, resistive load (dimnable trough PWM 5Vpp signal)
Commands	Control panel at customer's choice among those included in the codes FE1034 and FE1035, connected trough flat cable 10 poles
Firmware	Customizable
Micro-switch connector	Optional
Input/output for sensors	Optional (temperature, humidity, air quality)
Low consumption when in stand-by	Yes, < 0,5W





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