

ENDOTHERMIC KITS

ALL THE POWER OF HEAT
FOR YOUR SAVINGS



SAIMA

MECCANICA
PAINTING SOLUTIONS

OUR PARTNERS, PAINTING ARTISTS

ENDOTHERMIC KITS

SAIMA ENDOTHERMIC SYSTEM EXPLOITS THE PRINCIPLE OF RADIATION, OR THE TRANSMISSION OF THERMAL ENERGY BETWEEN TWO BODIES THROUGH ELECTROMAGNETIC WAVES.

Such waves transfer heat regardless of the physical state of the materials, with wavelengths ranging from 10^{-5} mm (ultraviolet) to 1 mm (infrared).

Heat spreads from the hottest body to the coldest one, from Saima endothermic panels to the object to be painted: in fact, the high temperature reached by the panels makes radiation the main means of heat transmission, ensuring efficiency, uniformity, and speed in the painting and drying processes.

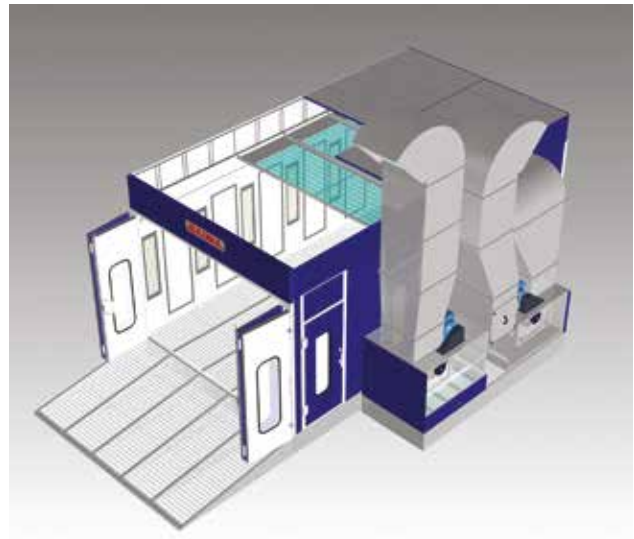
ADVANTAGES

- **TOTAL ELIMINATION OF BOILERS, HYDRAULIC SYSTEMS, AND SMOKE EXHAUSTS.**
- **REDUCTION IN ENERGY COSTS:** approximately \$5 for a complete painting and drying cycle for a car, with an average saving of \$30 compared to a traditional booth.
- **NO MAINTENANCE:** Saima endothermic kit does not require periodic servicing.
- **UNIFORM HEAT ACROSS THE ENTIRE IRRADIATED SURFACE.**
- **ZERO ELECTROMAGNETIC EMISSIONS.**
- **QUICK AND EASY INSTALLATION.**



TECHNOLOGY AND MATERIALS

SAIMA ENDOTHERMIC PANELS ARE CONSTRUCTED WITH AN ANODIZED ALUMINUM PROFILE, AND A WHITE POWDER-COATED RADIANT PLATE ENSURING MAXIMUM EFFICIENCY AND DURABILITY.



The electrical resistance, developed and perfected over more than 20 years of applications in the automotive and industrial sectors, is evenly distributed to provide constant and controlled heating.



SAIMA 10 E.N.D. KIT

Kit of endothermic panels with a maximum operating temperature of 180°C.

They can be fitted to all cabins.

KIT 10 MODEL

- control panel
- 10 panels 2,385×730×39 mm arranged as shown in the figure

30 kW totally.

Suitable for painting areas up to 8x4 m.



KIT 10 B MODEL

- control panel
- 2 panels measuring 2,385x730x39 mm
- 4 panels measuring 2,385x520x39 mm
- 4 panels measuring 2,385x950x39 mm

30 kW totally.

Suitable for cabins with low-mounted lights.

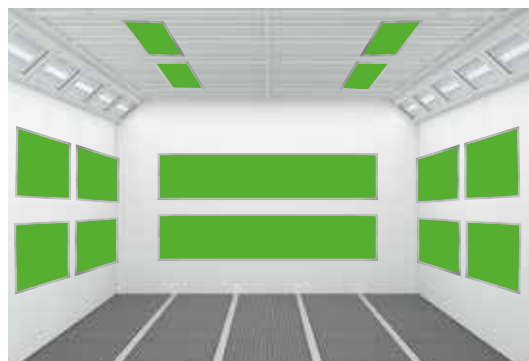
Suitable for painting areas up to 8x4 m.

KIT 10+4 MODEL

- 10 panels measuring 2,385x730x39 mm
- 4 hanging panels measuring 2,385x290x39 mm

34 kW totally.

Suitable for painting areas up to 8x4 m.



NEW ECOPLUS KIT

ECOPLUS control panel allows you to adjust the power of each individual radiant panel and activate ECO function, designed for **fast processing and additional energy savings**.

In this mode, the system operates in alternating mode, allowing it to be used **even when electrical power is limited**.



ADVANTAGES

+ convenient

ECOPLUS function reduces electricity consumption

+ HIGH PERFORMANCE

Thanks to latest-generation electrical resistors and high-quality materials with increased thicknesses

+ economical

reduced purchase price

+ eco-friendly

no energy waste

ALSO AVAILABLE IN SLIM VERSION
FOR THOSE WITH LIMITED KILOWATTS AVAILABLE



ART IS IN PERFECT COLOUR

OUR PARTNERS,
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