



  
**THERMAL  
TECHNOLOGY**  
CARBON FIBER HEATING

**HEATING  
PLATFORMS  
FOR MUSEUMS  
AND CHURCHES**

# HEATING PLATFORMS FOR MUSEUMS AND CHURCHES



## APPLICATION AREA

Radiant heating system designed to create comfortable areas in determined spaces for a localized heating, with quick preparation and rapid activation due to simple and fast installation. Particular structure of the platform allows to minimize heat dispersion downwards.

## NO HARMFULL ELECTROMAGNETIC EMISSIONS

## OPERATIONAL FEATURES

Modular heating platform, applicable on the floor with moquette or floating floor finishing. The heating elements are not linked together, each element is connected directly to the distribution panel to permit an optimized operation by means of electronic control. The system is ideal for an intermittent operation, it can be activated several hours before using.

## CARBON FIBER

Carbon fiber is flexible, does not oxidize, does not produce harmful electromagnetic fields during electricity flow, has no dimensional variations as the temperature changes nor deterioration of ohmic values. No wearing and no maintenance required. Its high resistivity permits significant energy savings.



FINISHING PROFILE VIEW



HOUSING AND COVER OF THE DERIVATION BOX  
MADE OF BRASS



ELECTRIC CONNECTIONS



PLATFORM STRATIGRAPHY

## DIMENSIONS

Dimensions, power and power cord output are customized.

## STRATIFICATION

Stratification starting with external layer:

- Metal sheet 0,60 mm/0.02 in thickness.
- Carbon fiber resistors inserted between 2 layers of aluminum sheet.
- Extruded polistirene 10,00 mm/0.39 in thickness.
- Multilayer wood panel, 4,00 mm/0.16 in thickness.
- Nylon vapor barrier.

## TEMPERATURE CONTROL

Each heater is supplied individually and is equipped with NTC temperature probe: activation and deactivation are automatized by aim of electronic controller (T705).

MODEL	POWER SUPPLY	POWER	PROTECTION DEGREE	TEMPERATURE CONTROL	POWER CABLE	DIMENSIONS (cm/in)
PEDC.X	230 Vac 50/60 Hz	220-300W/m <sup>2</sup>	IP67 RF Classe 1	T705 electronic contr. NTC10K controller (see accessories)	Power cable H07 RNF 3G	On demand, thickness of 1,8/0.71

CONFORMITY



This product is manufactured in conformity with the electrical safety standards set by Low Voltage Directive 2014/35/EU. This product is in conformity with Electromagnetic Compatibility Directive 2014/30/EU, concerning the standards for electromagnetic emissions.

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