

**RADIANT
PANELS
INTEGRATED
WITH DROPPED
CEILINGS**

RADIANT PANELS INTEGRATED WITH DROPPED CEILINGS



APPLICATION AREA

Radiant panels for dropped ceiling are ideal for installation in commercial and/or administration offices. The panels are light and easy to handle, simple to install or move. They provide comfort only where it is necessary and have a reduced power consumption due to the radiant heating principle.

NO HARMFUL ELECTROMAGNETIC EMISSIONS

OPERATIONAL FEATURES

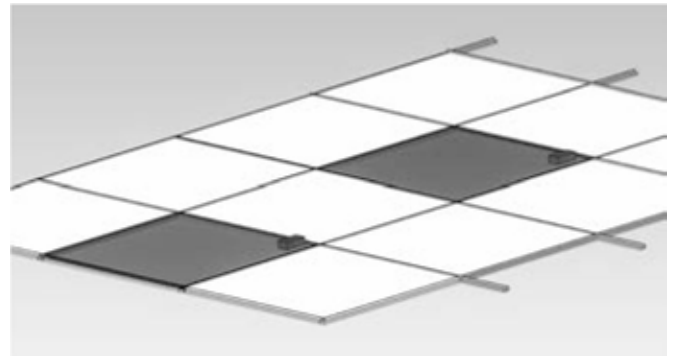
The heating panels are inserted into the same metallic frame, supporting the dropped ceiling panels, 60 x 60 cm – 23,62 x 23,62 in. Before installing the heaters verify the metallic structure and assure yourself it is able to sustain the panel's weight of 5,00 kg – 11,02 lb per piece. The panels should be installed with radiant part facing downwards, the height can vary from 2,70 m - 106.29 in (in offices where people remain standing) and 2,3 m - 90.55 in (in offices where people stay seated): the installation height must be previously agreed with Thermal Technology technical office.

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.

TEMPERATURE CONTROL

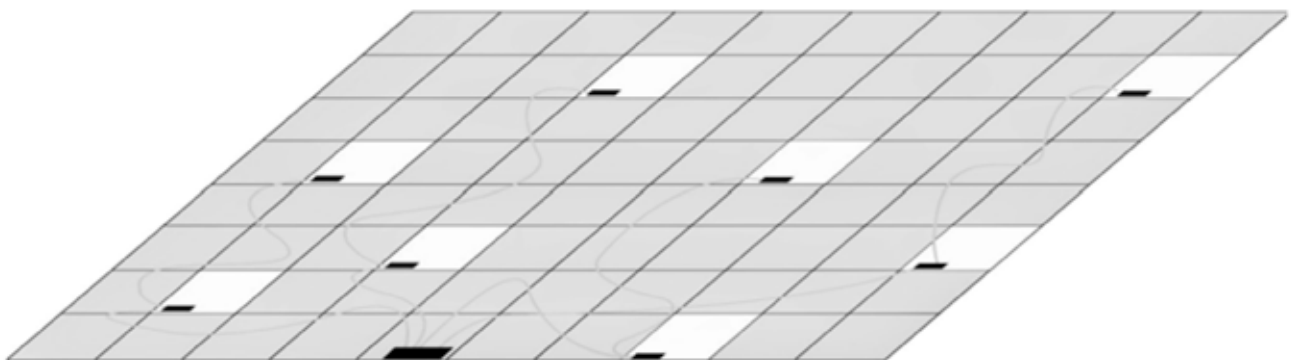
T705 electronic temperature controller, provided on demand. The temperature on the heater surface is 110°C.



HEATING PANELS INTERSPRESED BETWEEN THE DROPPED CEILING PANELS



HEATING PANEL INSTALLED ON THE METALIC FRAME OF THE CEILING



HEATING PANELS AND THEIR CONNECTIONS DISPOSAL EXAMPLE

MODEL	POWER SUPPLY	POWER	PROTECTION DEGREE	TEMPERATURE CONTROL	WEIGHT (kg/lb)	DIMENSIONS (cm/in)
PRS1	Connection box 230 Vac 50/60 Hz	250 W/cad.	IP54	T705 electronic controller (see accessories)	5,00/11.02	60/23.62x60/23.62x3/1.18

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.