

PLYTERM[®]

THE MODULAR ELECTRIC HEATING
TO HEAT WHERE AND WHEN YOU NEED IT
IN A SMART AND EFFICIENT WAY

HOT OUT

www.plyterm.com

HOT OUT is a simple and innovative system for creating heat islands in cold and damp environments.

Adaptable to any situation and without any building work.

Industrial warehouses, processing lines, permanent or temporary external events (markets, kiosks, waiting areas, sports areas, gazebos, etc.)

01

HOT OUT

Plyterm technology proposes Hot Out. A patented, Made in Italy product which consists of a highly efficient floor heating both in terms of installation and in terms of energy.

02

MODULE CHARACTERISTICS

Width:	cm 52
Thickness:	cm 3,2
Length:	cm 126
Power Supply:	AC V 220-240
Max Module Power*1:	W 95
	W 190
Maximum. Power for sqm*1:	W/sqm 150
	W/sqm 300

Inner Heating element approval:



Panel approval:



03

PANEL SURFACE*2

The surface of the module is in ABS with a thickness suitable for withstanding foot traffic in industrial and non-industrial environments. A layer of Soft Touch material allows users to grip the surface better, preventing slipping even in the presence of oily dirt.

04

HIGH ΔT *3

The panel surface reaches ΔT of about 25 ± 5 °C compared to the unheated surface temperature of the environment in which it is located.

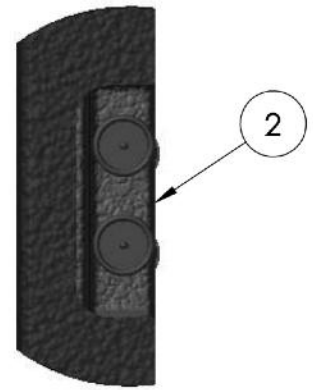
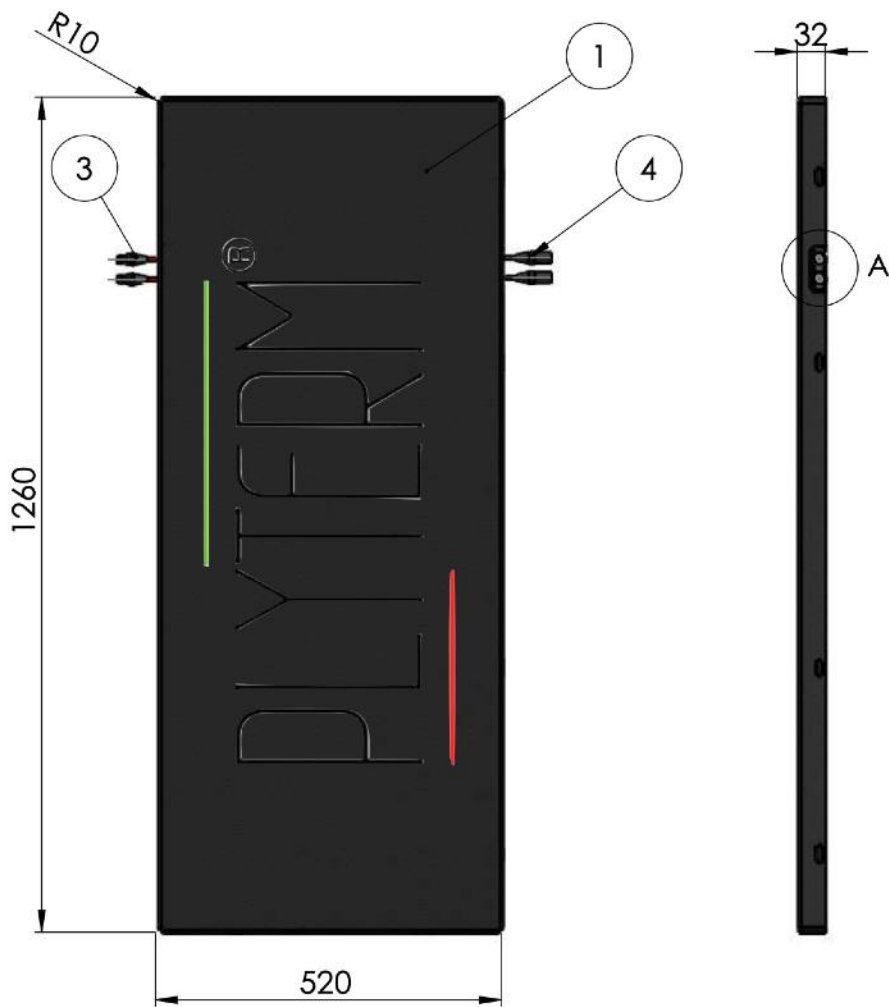


*1 The power indicated is the maximum rated power if the module is connected to the power supply without any control device (SEE LAST PAGE).

*2 Reaching higher permissible temperatures of the module, natural expansions of the material occur naturally, which fall as soon as the material returns to suitable T.

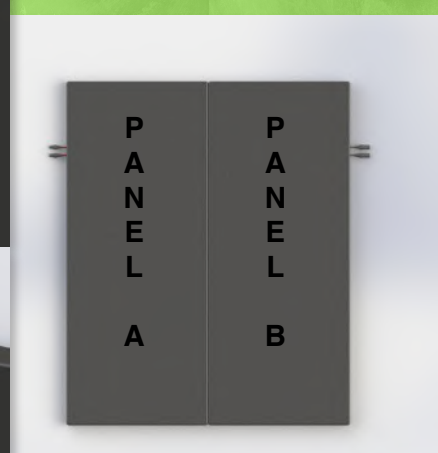
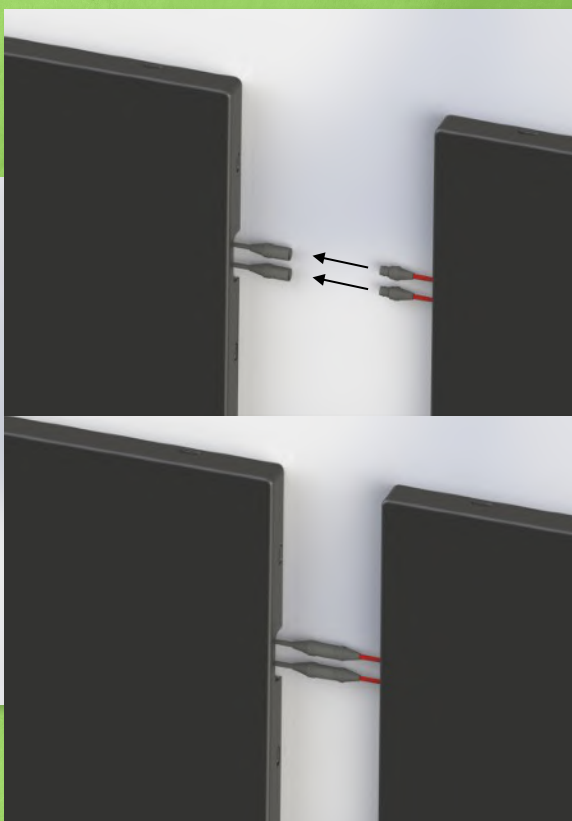
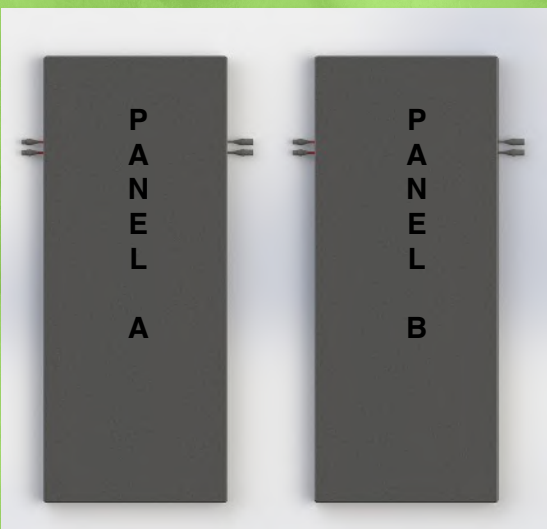
*3 Values valid for room T. not lower than 3 ° C. Below this T. the module's DeltaT range may drop.

DIMENSION – COMPOSITION – CONNECTION SEQUENCE



SCALE 1:2

Num. articolo	Descrizione
1	Hot Out Cover
2	Hot Out Base
3	Male faston
4	Female faston



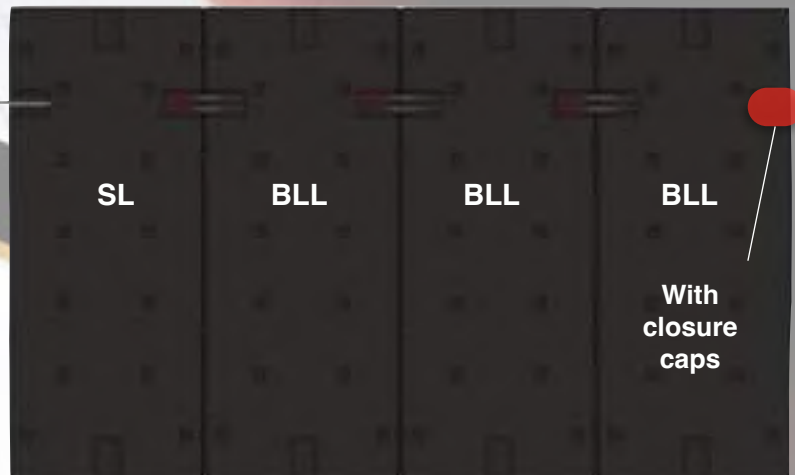
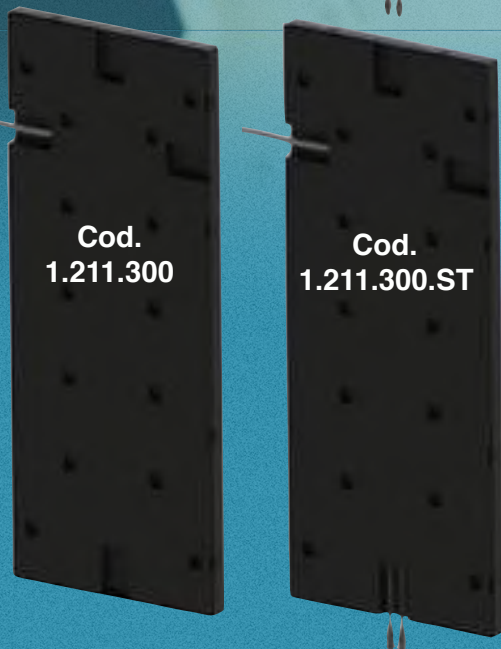
It is possible to connect the panels modularly even end-to-end to create the heated platform that best suits your needs.

MODEL AND INSTALLATION

With the HOT OUT by Plyterm system, installing a floor heated island is simple. The Hot Out modules are of different types and allow, depending on the model, to obtain different geometries of the end island. The different modules are shown below:

1 Row platform

STARTER (these are the initial panels of the row, which connect to the 220 V power supply):

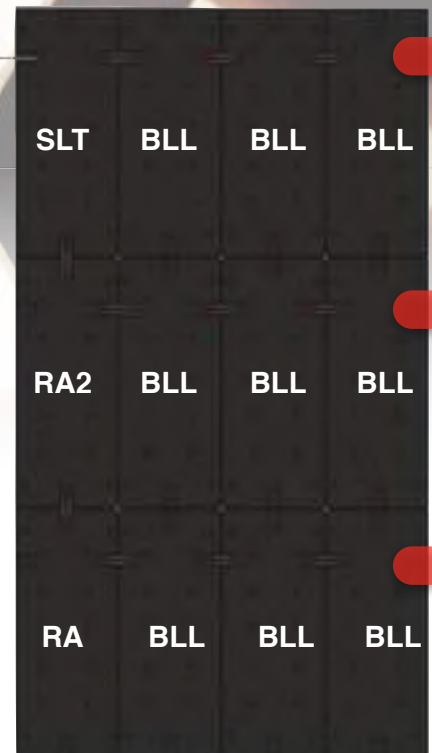
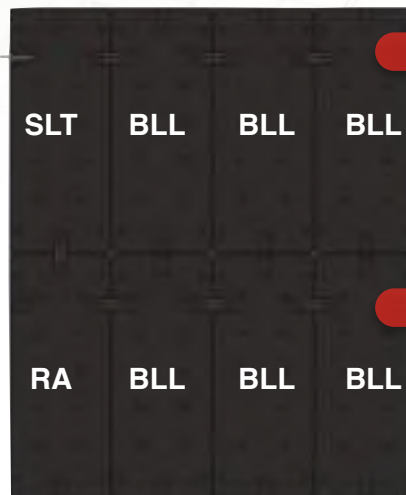


COMPOSITION EXAMPLES

(Views from belows)

Multiple platform

2 Row platform



Cod. 1.211.300.BTT

Cod. 1.211.300.BLL

BASES AND CORNERS:

These are the connection modules that make up the island and connect to a STARTER panel.

Cod. 1.211.300.RA2

Cod. 1.211.300.RA



A FEW...



I
M
A
G
E
S



And many more...endless applications!



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EN TECH



CONTROLS AND CONSUMES



The applied system management determines consumption. We can however indicate the consumption at maximum output. Maximum power of each panel: 95W – 190 W

So:

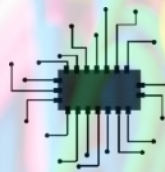
Pn:95W
working time 1hour – consumption 0,095kWh
working time 8hour – consumption 0,76kWh

Pn:190W
working time 1hour – consumption 0,19kWh
working time 8hour – consumption 1,52kWh

Where Plyterm panels are installed, it is therefore easy to predict consumption and costs by multiplying the hours of use, the number of modules used, and the price of electricity. It is also evident that the difference in operating costs between the Plyterm heating island system (localized heating) and a traditional heating system in which it is necessary to bring a large amount of heat, which goes to heat the entire volume of the building, it's huge. And it's different

POWER MANAGEMENT CONTROL UNIT

For the management of apartments, houses, multi-offices, those control units allow you to adapt the consumption of the heating system on both the "building insulation class" and the power limits of the electric counter. The system is easily programmable and defines Plyterm technology in a complete way, making the system modular and suitable for any situation.



ACCESSORIES



Plyterm technology can be managed with any regulation system on the market: Chronothermostat, dimmer, ecc.

If you want a complete supply of management and control, we offer:

INTELLITOUCH CH193 WIFI:

Electronic programmable thermostat with white backlight LCD touch screen
Weekly program to control the room and floor heating temperature.
WiFi connection for remote control through APP Intellilima+ for Smartphone and Tablet.



RELAY:

Capable of activating or deactivating electric loads for a high number of cycles during short periods of time. Talk together with power management control units.



DIMMER 300W PLUG-IN:
Able to control one single panel.

EN TECH



En-Tech Srl
Via Strada Provinciale 63, n°149 F
42044, Gualtieri (RE)
Italy

VAT N. 02650530351



Phone: +39.0522 1607078



info@plyterm.com



www.plyterm.com



Download and open an app of your choice that reads qrcode (e.g. QRReader) and points to the side.



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THE SMARTEST WAY TO HEAT