

The baseboard heating system heat your house from the exterior walls to the center of the room. The P-board radiant heating supply does not generate convective air motion and, consequently, it doesn't disturb dust particles that can cause allergic reactions. The P-Board baseboard system needs a small amount of water inside the hydraulic circuit, only 8 litres of water are required for a circuit wich covers an area of 100 m2. Any kind of heat generator can be used.

The baseboard system is controlled placing a thermostats in each room, allowing the homeowner to distribute heat only where it is needed, optimizing energy saving. Baseboard heaters can be painted along with the rest of a room using the RAL Standard Color Table or 12 special colours (wood and weathering steel). Product customization is an opportunity to make the baseboard suitable for every type of furniture and to complement any project design. It is a combination of italian design and technical features.

TO SUM UP, P-BOARD MEANS HEALTHCARE, ENERGY-SAVING AND ITALIAN DESIGN.



Termoregulation



Head Output



Thermoregulation system is very simply and easy to install and use. Users can fully enjoy their "SMART HOME" version on IP address with Wi-Fi system, using their smartphone or tablet.

Condizioni				
T_m [°C]	\dot{V} [l/min]	ΔT_{m-r} [°C]	P [W/m]	Marcatore [-]
44-46	1.5	2.22	96.8	●
44-46	2.5	1.64	118.9	●
44-46	3.5	1.25	127.0	●
49-51	1.5	2.54	110.6	■
49-51	2.5	2.26	164.0	■
49-51	3.5	1.72	174.6	■
59-61	1.5	3.04	132.6	◆
59-61	2.5	2.44	177.4	◆
59-61	3.5	1.73	176.4	◆

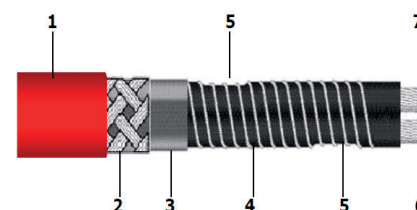
The Heating Capacity value have been certified by the MATRIX Laboratory located at UNISANNIO Department of Energetic Engineering.

E-Board is an electric heating-system that can be easily connected with home electrical system, it can make your room warm converting electrical energy into heat. No auxiliary generators are needed.

This is a radiative heating system that can be easily installed without any masonry, it can make your home natural gas-free. Smart home remote control allows you to handle the heating system remotely. Monitoring the energy consumption, is possible thanks to an App that you can download onto your own smartphone.



Detail of the heating resistance



- 1 - Thermoplastic insulation
- 2 - metal mesh
- 3 - Insulation in silicone rubber
- 4 - heating wire in Nickel-Chrome alloy (R)
- 5 - 500 mm spaced contact points
- 6 - Multiwire copper conductor (N)
- 7 - Multiwire copper conductor (P)

EXAMPLE

Electric absorption: **70W / ml**

Thermal performance: **150W / ml**

Max home absorption in 100 m2: **3.5 KW / h**

Management costs Winter period: **about 5 € / day**

Wi-Fi enviroment thermostat



Thermoregulation system easy to install and use. It is composed of a plug hidden in the baseboard that, through a radio frequency communication, is managed by an access point connected to the home router and controlled by a room thermostat. Expandable system with other auxiliary devices for the management of Security and Automation.

The advantages of baseboard heating


COMFORT Equal room temperature

ASSEMBLY Fast and easy using executive projects

MAINTENANCE None

HEALTH No convection = no micro dust

AESTHETICS : The system is minimally invasive and customizable

In addition, if you choose  **e-board**
electric baseboard heating

- No invasive masonry consequently time and speed of installation can be ensured
- Being an ideal addition to existing undersized plants;
- No magnetic field;
- Ideal as a new system independent of GAS;
- Reduction of expenses with photovoltaic system.



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P-BOARD
made in italy
riscaldamento a battiscopa



e-board
electric baseboard heating

**Electric radiant heating.
Low absorption, high efficiency**

