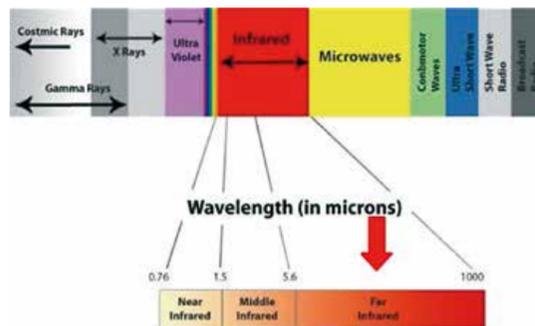


With the Panel **CARPET LINE** and **CRYSTAL** not only do we eliminate hot-water heating, collectors, zone valves, exhaust pipes, gas plants, but also the relative annual costs altogether with the risks of using dangerous gases. Our heating technology uses the same principles of the solar rays, only the variety FIR between 6-14 micron that perfectly match with the absorption spectrum of our skin. Taken from a study made by the University of Tushima (Japan) there are 18 benefits from being irradiated by warm, physiological light:

- 1) Better levels of blood oxygenation.
- 2) Better skin breathing.
- 3) Faster growth of healthy cells.
- 4) Improving the immune system.
- 5) Muscles and joints relief.
- 6) Activation of water molecules (anti-cellulite).
- 7) Bacteria reduction.
- 8) Stimulation of the healing of the skin and skin regeneration.
- 9) Can prevent the development of toxins in muscles.
- 10) Reduction of fatty acids in the tissues of the body.
- 11) Reduction of the growth of bacteria.
- 12) Reduction of odors.
- 13) Helps the elimination of bodily wastes and toxins.
- 14) Makes recovery from physical trauma and operations faster.
- 15) Improves blood flow.
- 16) Does well for the swelling and pains.
- 17) Reduces the energy cost.
- 18) Can be used continuously.

At present the cost per square meter is very high in the building industry (thousands of euros) if you want to have integrated systems that allow you not to waste valuable space by installing huge generators (radiators, hot-water heating, PDC and so on and so forth...). Being able to use all the walls, to reduce the heights, the weights, the thickness of the screeds means reducing masonry works, preventing problems of accidental holes in the pipes and freezing. They are most effective energetically, self-modulating and without any negative energy fields, due to water running in circle, for the Feng-Shui lovers.



In the varied panorama of heating the “**CALDO CONTINUO**” asserts its identity realizing high-tech products and radiant surfaces, through a 360 degrees study of the new demands for comfort, esthetics, architecture in the contemporary building industry.

An cutting the edge specialization in the realization of marvelous environments where heating is comfort not an item without esthetic care.

The use of both the most modern technologies and the nano-technologies, altogether with the experience that the members of the Company “**CALDO CONTINUO**” have being acquiring for ten years, are a “passepartout” for the quality of a wide variety of heating objects both in furniture (with an innovative and accurate design) and in the simple, but effective heating folding in walls.

A new way of conceiving space and environment where comfort meets with presentability (shades and forms) that have your desires as their unique borders where artistic, technological and communication contents blend in the environment.

Innovation becomes matter through advanced technologies, unparalleled creative technics, and the refinement of materials blend in a harmonious combination; the original materials and the environment mould each other to create a product technologically advanced; a fusion of synthetic and natural. The result is the perception of a splendid heating surface, perfect in every detail.

Our firm addresses engineers, architects, interior-designers and retailers, but first anyone who wants to complement their domestic or working environment giving spaces style and sophistication; with leading edge technology contents that establish an excellent comfort. Every room has its own story and importance given by experiences and suggestions (colors and forms). This is the reason why our products are the result of contaminations, suggestions, design and fashion trends, but also of the people who live that space every day.

Every single project develops from the client’s demands who inevitably influences the environment he inhabits in its structural, esthetic and functional characteristics. This way each space becomes unique. The environment is conceived as a space where heating is the expression of both our study and our technological and esthetic refinement, which will meet with your desires and expectations.

The heart of our activity:
The passion to make each environment comfortable and unique, altogether with the centrality of the people who live in it.



For any further information:
Guerrini Mirco +39 346 6311284

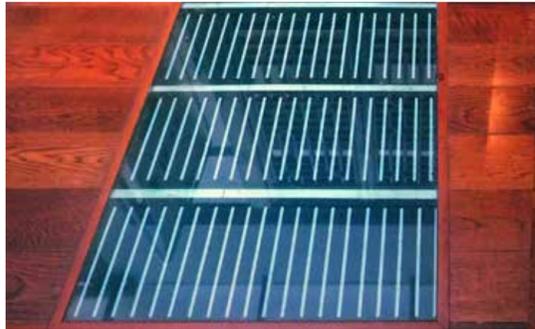


CARPET LINE is a system realized by a self-generating polymer that gets warmer when the 24 volt DC electricity runs. It is located under the floor, beneath the plasterwork of the walls, or on ceilings, it makes the rooms comfortable, in an autonomous way. Thanks to the extreme security tension and to the use of the direct current DC voltage, there are no magnetic fields ELECTROSMOG FREE. The polymer that constitutes its thermos-radiant element contains nano-particles spread in an homogeneous way; thanks to their nature of semi-conductors they permit the direct current to make them vibrate producing infrared rays to the frequency of 8-10 micron (that frequency is also defined warm physiological light). If the temperature of the room becomes higher, the morphology of the polymer changes so that the nano-particles go farther the ones from the others, reducing the contact among them. Therefore there will be a smaller demand of current and a subsequent decrease in temperature. On the contrary, when the temperature decreases, the nano-particles get nearer and the vibration increases producing warmth. This is an "intelligent" system capable of recognizing the objects and furniture it is located beneath. A decrease in thermal exchange results in a lower electrical absorption.

CARPET LINE is placed closer to the surface of the floor more than any other heating system, reacting faster to any changes in the outdoor temperature, it keeps the indoor temperature constant and it guarantees better results comparing with the former systems based on turning on/off timers. The self-modulating elements consume as much energy as it is needed to maintain the temperature at the ideal level. The correct dimensioning is based on the needs of any single room and increases saving and comfort, so that comparing with the characteristics of a traditional heating system there is a notable saving result and a lifetime up to 2.8 greater, with a 20 YEARS guarantee.

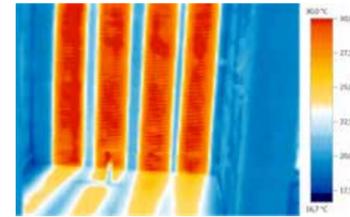
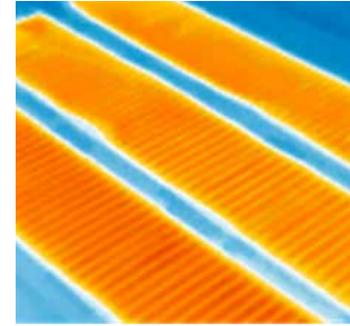
CARPET LINE brings advantages for health and environment; its system without combustion produces no gas or dust, avoiding allergies or breathing diseases. It is also biodegradable, when it is exposed for a long time to the UV rays it can self-adjust and reach a maximum of 29.7 degrees C.

CARPET LINE is extremely effective not only in housing but also in industrial and commercial buildings.



SNOW CARPET represents the ideal solution to avoid snow and ice setting in close to the buildings or on the roofs of the houses, deicing the pedestrian walks and the access ramps.

With **SNOW CARPET** we can eliminate any risk of falling down accidentally because of the formation of ice layers in the lanes as they reduce the excessive amount of snow on the roofs, all that without lifting a finger, thanks to a Home automation control system of the temperature and humidity.



CRYSTAL panels are extremely versatile and can be installed on walls, pillars and ceilings, heating a surface of 8-10 m² by applying only an item and make you feel a 4 m. radiation with only 0,1KW/h (30% less than its direct competitors). Panels release infrared rays everywhere, warming the room by reaching a stable and uniform temperature. For big spaces we can install several panels at a time, already fitted to be paralleled, to create different and original patterns. Thermostats can be placed at every distance and always measure the real temperature. Suitable for big areas, both industrial and commercial, in the civilian use our infrared plates are combined with tourmaline and thermos-conductive resin to obtain refined and exclusive decorations.

zTourmaline is a mineral of the silicate family with pyroelectric and piezoelectric properties. It is the only mineral to emanate negative ions when it is hit by FIR infrared rays thanks to heating by contact. The negative ions, generated by the tourmaline, purify the air and determine dust and mould abatement, contributing to the psychophysical well-being, as well. Heating systems capable of generating negative ions while working are a solution that is not available by the other heat generators and offers the inhabitants of very polluted urban areas an effective method of environmental sanitation.

CRYSTAL panel in LED version set on the wall or on the ceiling can substitute or integrate your room lighting, all managed by a simple power button or a remote control that gives you the possibility to change the LED intensity and color (RGB) and choose among four sceneries of chromotherapy.

- Layer 1 ceramic material 4:10 nm melted at 1000 degrees C to give resilience to scratches, any abrasion and corrosion. There can be glasses or thermal crystals according to the model.
- Layer 2 a 10 mm insulating plate makes the speed of the heat reflection more efficient on the surface and eliminates overheating points.
- Layer 3 a 0,1 mm mica coating, resistant to over 600 degrees C that makes it an excellent insulating material.
- Layer 4 a 0.5:1,0 integration of carbon crystals, the best FIR heating technology, which offers excellent stability and performances of radiation.
- Layer 5 a 0,1 mm mica double coating, resistant to over 600 degrees C, that makes it an excellent insulating material.
- Layer 6 a 0.5 mm oxidation treatment of the aluminium as a heating radiant material. Top models have an extra superficial coating in tourmaline.

