



CONTACT:

<http://www.radiantklimasystem.es>
96 156 37 28 / 610 43 23 67



CODE QR

**MAXIMUN & COMFORT
DESING POSSIBLE
EFFICIENT
INVISIBLE**

COMPARATIVE SYSTEM: FLOOR, WALL AND CEILING.

	FLOOR		WALL		CEILING	
COMFORT						
AIR MOVEMENT						
NEW BUILDING						
REHABILITATION						
INSTALLATION COST						
INSTALLATION TIME						
PERIODIC MAINTENANCE COST						
REPAIR FACILITY						
INSTALLATION'S CONSUMPTION						
RESIDENTIAL BUILDINGS						
TERTIARY SECTOR USE BUILDING						

CLIMATE CONTROL

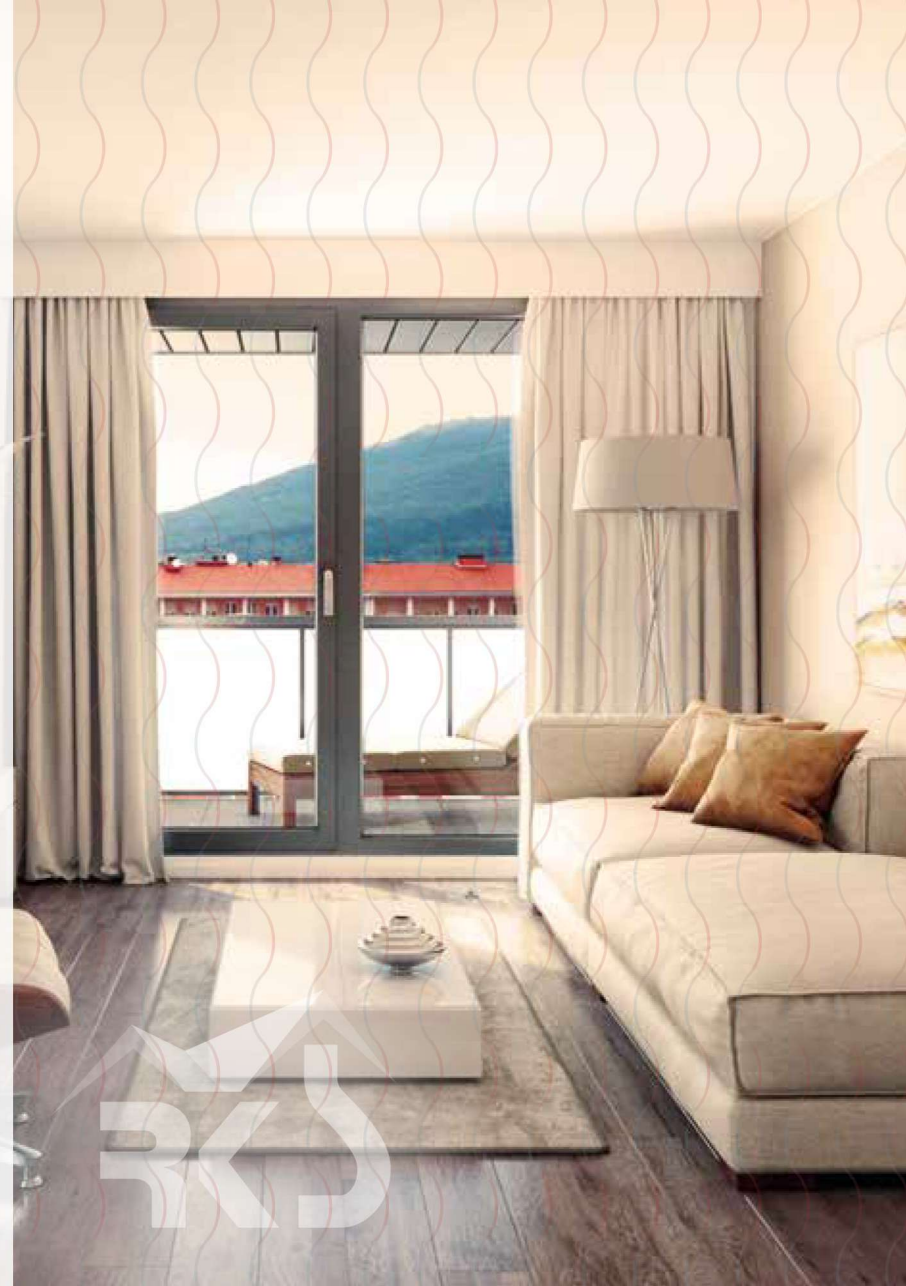
Every valuable heating and cooling radiant system must own an excellent regulation and climate control. Today's technology gives us the ability to perform this important task in a simple way. Our system has been designed so that the installation and maintenance can be made by any professional with a basic knowledge of heating and cooling. Temperature and relative humidity values monitoring is read automatically by the system itself, with the possibility of using a remote control via Internet, even from a smartphone.

OUR SYSTEM CAN BE CONTROLLED FROM ANY DEVICE.



SYSTEM INTEGRITY HEATING AND COOLING RADIANT CEILING WALLS

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RADIANT CEILING HEATING

It is based on the most common physical phenomenon of heat transfer on Earth: the thermal radiation.

By raising the surface temperature of the ceiling, this will transfer heat by radiation to reach a thermal equilibrium with the rest of the room. Objects nearby such as furniture, walls or floor will increase their temperature.

Being the hottest body located on the upper side and not existing big temperature differences in the enclosed area, air movement by convection is nonexistent, so it presents a significant thermal uniformity within the different room heights, thus contributing to have the MAXIMUM POSSIBLE COMFORT with EFFICIENT and UNSEEN INSTALLATION.



Heating and cooling process example.



ECOLOGICAL



ECONOMIC SAVINGS



MODULAR



INVISIBLE



THERMAL INSULATION



AUTOBALANCE



EASY INSTALLATION



COMFORTABLE



HEATING AND COOLING



Our panels are made of materials that allow them to have a long life cycle. They are reusable and recyclable.



The different formats and sizes can be adapted to any space, avoiding cuts and unnecessary waste. The use of closure panels enables installation adjustment to the geometry of the room and the placement of other facilities such as lighting or fire-fighting systems.



When radiant ceilings or walls are installed, the insulation capacity of the property is improved. Generated heat or cold must be used by the system user and not by a "next-door neighbor", neither must be exchanged with the covering building structure, thus losing it outside.



The installation process of our radiating surfaces is very simple. In the case of Ceiling system "CUADRO" (modular-removable), the process is reduced to lay the radiating plates on the supporting structure of a standard removable ceiling.



The system can meet both needs (heat and cold) with a single installation.



The low thermal inertia and the minimum mass of water used (approx. 0.6 liters / m²) as a "heat transfer" fluid, places the system as one of the most efficient applications and therefore it provides the same benefits with lower consumption.



Built-in circuits inside the panels, whose outer layer will form part of the final finishing of the construction, hide the installation, making it to be completely unnoticed.



Thanks to sharing a common design in all circuits and to Pres Block plumbing system, the drops of pressure are minimized so that they are very similar between the different circuits.



Radiant surfaces used as input or heat absorption perfectly imitate an environment in which our body considers that the energy exchange made with the environment is ideal and therefore the feeling of thermal satisfaction is maximum.

WELL-BEING ENERGY SAVING

