

# Kilma Belt



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*Radiant heating and cooling system*



IDEAL FOR  
DIFFERENT  
LOCATIONS



Houses

Hotels

Hospitals

Sports centers

Offices

Public and  
institutional places



# Kilma Belt

## THE STRENGTHS OF OUR PRODUCTS



### COOLING

#### FINISHED CEILING

*A system that cools the air in a healthy and homogeneous way, the system is ideal in all periods of the year.*

*Lack of ventilation and noise: the system quietly cools the environment, contrary to the traditional air-conditioning systems.*

*Quick and easy installation with the possibility of customization.*

*Healthy environment: the cooling unit does not create microbiological contamination and ensures a uniform temperature in the environment.*

*The cooling system maintains constant humidity in the environment (between 40% to 60%) in a natural way, without the use of dehumidifiers.*



### HEATING

#### FINISHED CEILING BASEBOARD

*Constant temperature from the bottom to the top, radiated homogeneously in the room, eliminating thermal bridges and maintaining humidity between 50% to 60%.*

*Low water content: 8 liters (23.5 galUS) of water are enough to heat a space of 100 sqm (1076.4 square feet).*

*Elimination of mold and micro powders, ensures and maintains a clean and healthy environment.*

*With the possibility of customization, choose from a range of products designed to meet all different aesthetic needs.*



R.B.M. S.p.A. Components and Systems for Hydrothermal Systems

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# Kilma Belt

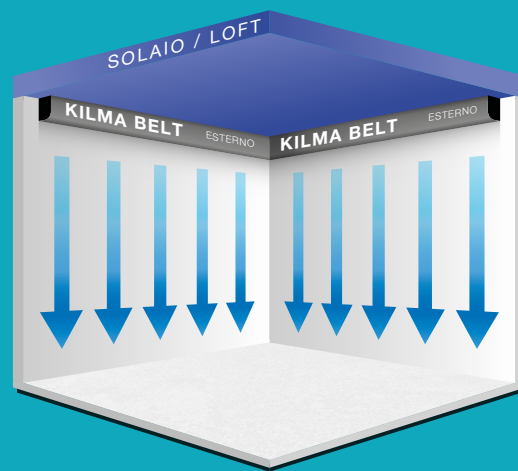
## FINISHED CEILING

THE FIRST CEILING-MOUNTED  
RADIANT SYSTEM IN THE  
WORLD THAT DOES NOT  
REQUIRE A DEHUMIDIFIER

**PATENTED**



**COOLING**



### Features

*The system guarantees a wellbeing feeling throughout the whole environment: KILMA BELT cools the walls in a uniform and constant way, isolating the environment from the external heat.*

*KILMA BELT is quick and easy to install, it is ideal for all types of locations and it does not require a dehumidification systems (it is a unique system worldwide), maintaining the humidity constant between 50-60%.*

### How it Works

*The air descends from the top of the room and cools the environment giving an immediate cooling feeling.*

*The system is silent and healthy: it does not create air movement, microbiological contamination or chemical load in the air, ensuring a constant temperature, without sudden temperature changes.*

*The cooling unit is installed in the upper part of the wall (intrados of the loft) or flush-mounted within the ceiling system, respecting the aesthetics of the environment.*



## HEATING

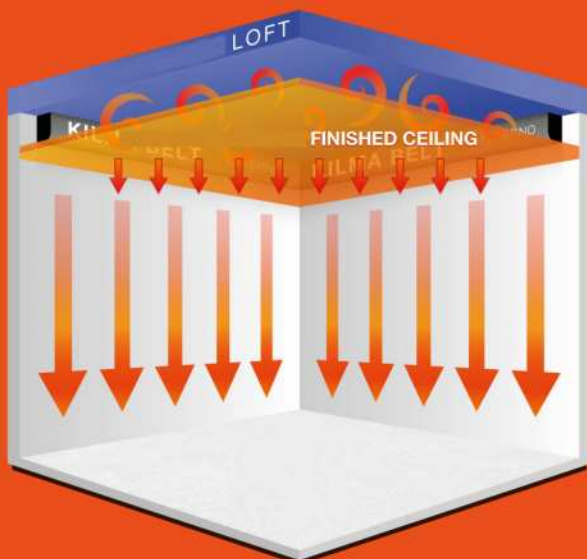
### Features

- Easy installation
- High heat radiation
- Energy saving
- Possibility to connect the baseboard to different energy sources

### How it Works

Hot air accumulates in the finished ceiling which becomes a radiating surface spreading the heat uniformly, reaching an excellent comfort.

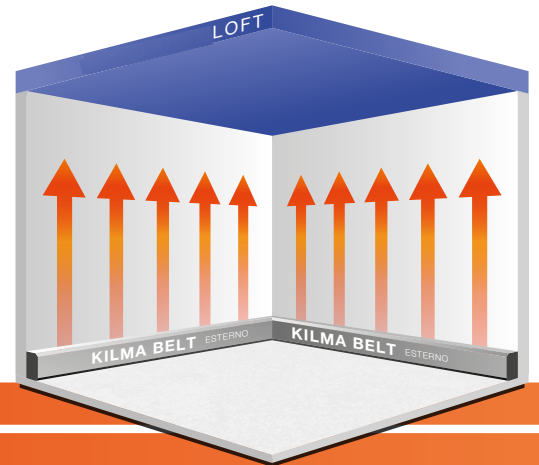
The system is installed in the upper part of the wall (intrados of the finished ceiling) or flush-mounted within the ceiling system, respecting the aesthetics of the environment.



# AN INNOVATIVE HEATING SYSTEM WITH RADIANT BASEBOARD



## HEATING



### Features

- Easy installation
- High heat radiation
- Energy saving
- Possibility to connect the baseboard to different energy sources
- Possibility of electric functioning through resistance

### How it Works

*The heating system with radiant baseboard heats the wall on which it is mounted, making it a source of energy able to spread the heat in the whole environment.*

*The heated water flows through high-induction pipes, the air is then heated and released from a duct on the top of the coating. The rising air warms up the wall, spreading the heat (through radiation) homogeneously throughout the whole room.*

*The heating system is applied as an external baseboard or flushmounted to the wall.*



# Kilma Belt

## BASEBOARD