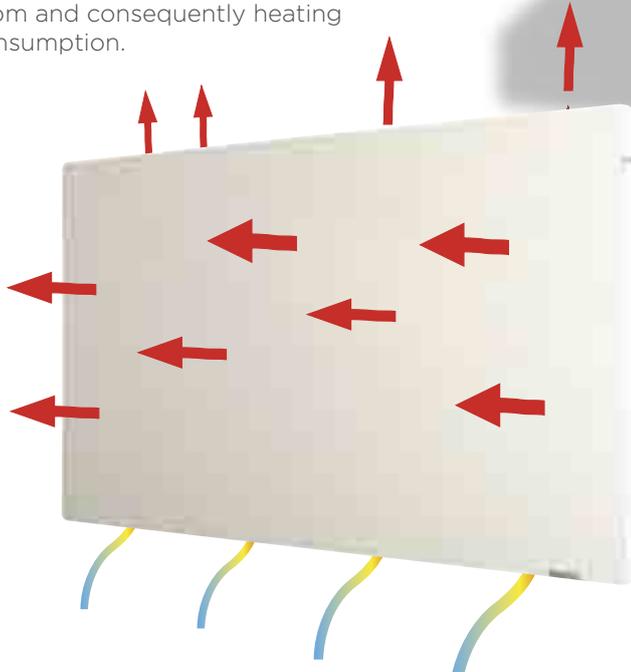


# DUAL-KHERR

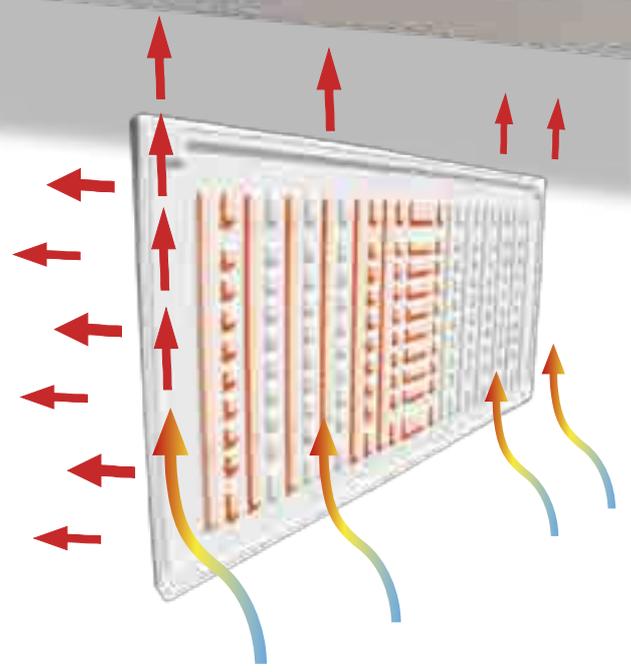
It is the core of CLIMASTAR technology to improve efficiency and reduce consumption.

It is the patented material you can see in the radiation front panels of most of our products. It is made of silicon and aluminium. Silicon is extremely good at storing heat, while aluminium is one of the best heat conductors.

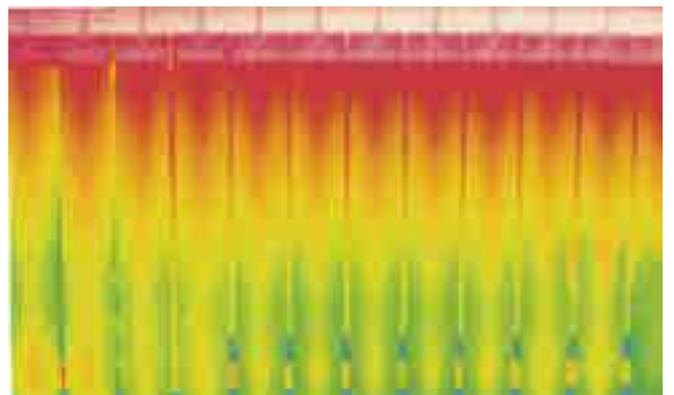
With **DUAL-KHERR** we guarantee the best heat transfer to the area and for longer, reducing temperature stratification in the room and consequently heating consumption.



The front side of the panel increases the heat transference for longer periods due to its inertia capacity.



In the internal part of the panel you can see a "double core" conduction chamber that optimizes the heater convection process by improving that hot air distribution through the panel. This "double core" layout increases the heat absorption and transmits it to the front surface.



Front panel temperature is homogeneous (left illustration). Heat transfer to the room is done in a very uniform way. Radiation is continuous. Other heaters do not offer a surface temperature so homogeneous (right illustration).

# The **DUAL-KHERR** technology



Only a thermo-stable material at its highest density can accumulate heat and keep indefinitely stable.

During its production process the raw materials follow a refining process creating micro particles that are put into moulds and under pressure of 2000 Tons on pieces of 100x50 cm.

After that, they are fired at 1200 °C for several hours making the piece undergo a semi-liquid state. The piece turns stable, homogeneous and gets the highest possible density due to contraction during fired.

No resin nor agglutinin is used, only pressure and heat. This is why it is inalterable.

All the pieces follow a final step of photography, visual and planimetric quality control to detect any possible defect.

This is why we offer lifetime guarantee on Dual-Kherr.

