



INFRAROODVERWARMING creëert een warmte welke vergelijkbaar is met die van de zon of een open haard door conversie van elektrische energie in infrarood stralen. Het voordeel van dit systeem is dat ze geen koude lucht in beweging zet. De panelen zijn voorzien van speciale ophangbeugels die u toelaten dit paneel op te hangen aan het plafond of muur, maar u kan ook met de apart verkrijgbare aluminium poten het paneel op de grond plaatsen. Dankzij de vernieuwde reflectie technologie projecteert dit paneel 98 % van het opgewekte infrarood vermogen rechtstreeks in de te verwarmen ruimte. Alle INFRAPOWER panelen worden gefabriceerd en geleverd met de hoogste kwaliteitseisen en genieten van 5 jaar garantie.

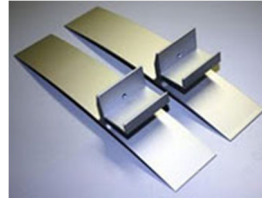
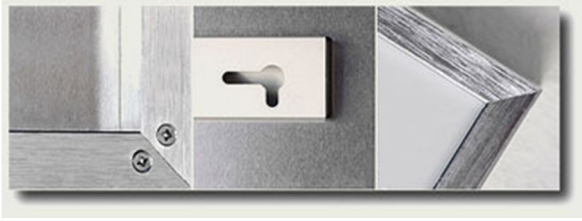
## TOEPASSINGEN



Elk paneel is voorzien van 5 sensoren die het paneel beschermen tegen oververhitting. Dankzij de aluminium platen aan de voorkant en achterkant van het infraroodpaneel wordt de 100 % PE norm bereikt. Alle infrarood verwarmingspanelen zijn TUV en CE gekeurd en voldoen aan de IP44 norm.

## SPECIFICATIES VAN DE PANELEN.

AFMETINGEN (CM)	DIKTE OPPERVLAKE (CM)	POWER (WATT)	OPPERVLAKTE TEMP	BEVESTIGING
60X60 CM tot 60x120 CM	1 TOT 2,5 CM Geanodiseerd (wit ral/ foto of spiegel)	300 tot 900 Watt	80 tot 140° C	Muur/plafond/stand



## ADVANTAGES OF INFRAPOWER STANDARD PANELS



### HIGHER EFFICIENCY RATES

INFRAPOWER panels produce higher efficiency rates than other electric conductors. The new developed structure conducts more efficient and spreads the heat uniform and equal throughout its surface.



### TARGETED HEATING POSSIBLE

OUR high efficiency combined with our connection system and patented reflector technology (100% of produced infrared rays go to the front side) make it possible that INFRAPOWER panels can be used for specified heating areas. Only a very small percentage of convective heat (only about 7%) is produced which means that all advantages of infrared heating can be consumed and energy efficient heating is guaranteed.



### HIGHER POSSIBLE SURFACE TEMPERATURES (up to 260C)

Surface temperatures up to 260C are possible (made to order). According to the law of Poldtzmann, higher surface temperatures guarantee higher efficiency rates. Please contact us for more information as higher surface temperatures change the wave lengths and in not all applications surface temperatures up to 260C are required. At very high surface temperatures also air turbulences on the surface can reduce efficiency depending on the application.



### SAFE AND DURABLE

Many years experience in the production of infrared panels guarantees that INFRAPOWER panels are produced in a production line which confirms with all international standards. Many internal as well as external quality controls are applied (eg. TUV Rheinland Germany certification). All components used are of highest quality. Safety temperature sensors are included and prevent overheating. INFRAPOWER panels are about 4 times more durable than general films or panels. Uniform heat distribution as well as conductive polymer treatment on the copper connection prevents hot spots as well as guarantees safety even in abnormal condition.



### GOING GREEN TECHNOLOGY

No components include metals, such as lead or PVC which are harmful to the environment.

