

heat  on

heat-on.com.au

*energy efficient DIY far infrared
radiant heating panels.
your comfortable and healthy indoor
heating solution.*

far infrared - inspired by nature

The warmth we feel in the sunlight, but also in front of a fireplace or BBQ, is infrared radiant heat. Humans can not see this light, but know of its existence from the warmth they feel.

technology

Heat-On heaters use the principal of far infrared radiant heat to provide comforting warmth as desired.

Specially developed carbon graphite polyimide liquid elements generate long wave infrared-C rays or otherwise known as far infrared rays.

These rays do not require air to transport heat. Instead the heating energy is absorbed by objects, walls and floors. The building is able store the heat and release it evenly into the room. This indirect way of space heating, significantly reduces running costs compared with old, convective type heaters still on the market today.

performance

This form of heating provides consistent ambient air temperatures, and the temperature of all surrounding surfaces (walls, floors, ceiling). This level of comfort is unsurpassed by any other heating products on the market today. This level of comfort is exceptionally beneficial for the wellbeing of humans. With warm surfaces such as those produced by Heat-On far infrared heaters, you feel thermal comfort at much lower ambient air temperatures and this further reduces running costs.

The perfect comfort produced by Heat-On far infrared heaters, provides a considerably healthier and efficient heating solution.

- Dry walls prevents mould.
- Condensation is avoided.
- Humidity levels are not effected.
- No dust or bacteria circulation.
- Increased blood circulation.

the perfect comfort



With Heat-On far infrared heaters it is possible to heat according to your individual needs. Every zone/room has it's own thermostat control.

the principle of convective heating

Conventional heaters operate on the principle of convective heat. Heating the air causes the hot air to rise, which produces thermal currents in the room, resulting in unwanted cold air at floor level. Meaning you end up with a hot head and cold feet. This also stirs up dust and bacteria, which is not ideal for allergy sufferers and asthmatics.

The Heat-On effect



Conventional heaters mainly heat the surrounding air, resulting in uneven heat distribution mainly hot ceilings and cold floors.



With far infrared heaters the rays will be distributed uniformly in the room and absorbed by objects, walls and floors. Creating a overall cosy and comfortable environment.

carbon graphite polyimide element technology



Heat-On is the leader in far infrared heating technology. We guarantee the highest efficiency rates and the lowest possible energy consumption.

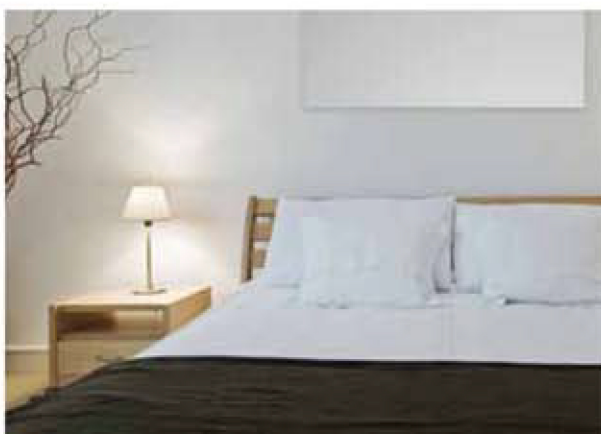
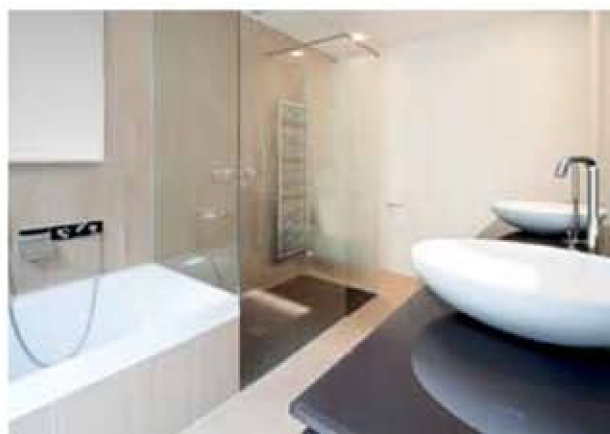
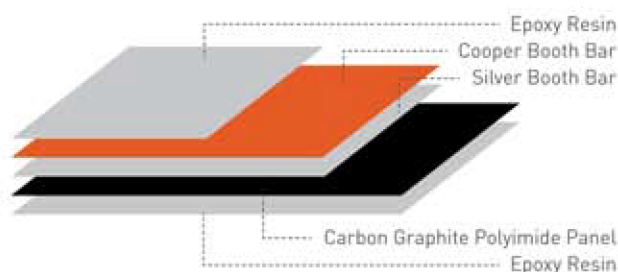
Heat-On DIY panels feature a unique carbon graphite polyimide heater construction. This outperforms all commonly used electric conductors found in cheaper and poorly engineered electric heaters still on the market today.

This electric conductor technology developed by Japanese engineers, is more durable than steel and provides the highest possible emitting efficiency rates.

Heat-On DIY panels are able to emit far infrared rays from more than 98% of the heaters surface.

This patented heating construction outperforms other heating panels which simply use carbon, ceramic or glass as their emitting surface. Heat-On DIY heating technology provides outstanding safety, durability and high efficiencies.

structure



DIY installation & models

600W DIY FIR heating panel

600 watts
2.5 Amps | 5.8 kgs
900 x 600 x 25mm

Coverage: 8-13m²
(based on standard 2.7m ceiling height)

Included in each kit:
- installation instructions
- 3-pin plug and lead
- fixing hardware & screws
- mounting template



900W DIY FIR heating panel

900 watts
3.75 Amps | 7.4 kgs
1200 x 600 x 25mm

Coverage: 12-19m²
(based on standard 2.7m ceiling height)

Included in each kit:
- installation instructions
- 3-pin plug and lead
- fixing hardware & screws
- mounting template



The heaters feature an aluminium frame which provides additional stability and any deformations are impossible. Every panel comes with installation instructions, mounting rails on the back of the heater, 3-pin plug and lead, fixing hardware & screws, mounting template and allows easy vertical or horizontal installation.

Each panel is equipped with five built in safety sensors (one in each corner and one in the middle) to prevent the panel from overheating. If by accident furniture or clothing is placed against the panels whilst in operation, they will automatically switch off.

A leading research centre in Europe Seibersdorf Laboratories, confirmed by report that the radiant heat emitted by the Heat-On far infrared heaters is well below the international threshold for effects of infrared radiation on skin or eyes.

The heaters also have a water ingress and dust protection rating of IP-44.

