

Titan Super Power Radiant Short-wave Infra-red

Star Progetti's **Titan Super Power short wave infra-red heaters** provide the only effective means of localised efficient heating in warehouses and factories. Infrared heating provides a unique means of applying heat to objects and people. The HELIOS RADIANT® IRK patented parabolic reflector and INFRACALOR® bulbs deliver torch like direct and focused radiant heat exactly to where it is needed. In excess of 92% of the energy used is transformed into heat, at least 30% more than other radiant heaters. The heat stays put and does not rise to the ceiling or escape through windows and doors. Deploying short wave infra-red radiance as opposed to trying to heat the air in a large space will save significant energy costs while keeping people and processes warm, even in the hardest to heat environments.

Titan Super Power short wave infra-red heaters are easily mounted on the wall or can be suspended from the ceiling or placed on a stand. They are rated to IP25, that is they can be mounted and operated indoors and outdoors while it is raining with no ill effects, keeping people warm even when they are getting wet! Like the sun coming out from behind a cloud, the heat is felt immediately within 1 second of switch on. Mounted in a correct pattern it is possible to keep parts of a factory or warehouse warm, such as a desk or a production station, without wasting energy on the non-peopled areas.

Titan Super Power infra-red heaters are easily wired in to existing electrical circuits or can be plugged into standard 10amp sockets. They are flexible enough that they can be controlled by switch, dimmer, remote control, or motion sensor. The bulbs have a long 7000 hour life span and there is no UV to worry about.

Specifications

Class I appliance
EHT1-20: 2000w (one lead) or EHT-2-40: 4000w (two leads)
Ingress Protection: IP25 'weatherproof'
Single phase 240 volt maximum 50/60Hz A.C.
Current at 240 volts is 8A, 2000W per circuit
1.5 metre flexible cable supplied without plug
RCD must be fitted in series
Dimensions: EHT1-20: 47cm x 23cm x 13cm 3.8kg;
EHT2-40: 104cm x 23cm x 13cm 6.9kg



Features and Benefits

- * Focused heating by short wave infrared waves provides instant warmth to processes or people .
- * Because infrared waves do not heat the air, relative energy costs remain low – significant space heating savings of up to 70% have been recorded.
- * The heater can be used inside or outside in the wet.
- * Easy to install and control. Can be linked to sensors, timers or a power adjustor / dimmer.
- * Long lasting 7000 hour bulbs and patented reflectors make for long and efficient life and low downtime.
- * Tested at ambient of 8°C and mounted at 4m height, EHT1-20 heated a 20m² floor area to 20°C, while EHT2-40 mounted at 5m heated a 30m² floor area to 24°C.

