

## Short-wave Infra-red heaters with Safety Glass

Star Progetti's **EH short wave infra-red heaters** provide the only effective means of localised efficient heating in warehouses and factories where dusty conditions are a consideration. 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.

**EH short wave infra-red heaters** are easily mounted on the wall or placed on a stand. They are variously rated from IP23, through IP54 to IP66 and can be mounted and operated indoors and outdoors, keeping people warm, or targeting specific pieces of equipment that need to be kept warm to ensure efficient processing at low ambient temperature. 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.

**EH 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  
EHWP1/7: 1300w, EHT1-20SG: 2000w, EHSAFE20: 2000w  
Ingress Protection: EHWP1/7: IP54, EHT1-20SG: IP23, EHSAFE20: IP66  
Single phase 240 volt maximum 50/60Hz A.C.  
Current at 240 volts is 5.5A or 8A  
EHWP1/7: No cable provided, EHT1-20SG: 3m cable, EHSAFE20: 1.5m cable. No plug supplied.  
EHSAFE20 is ATEX approved—see separate spec.



### 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.
- \* Safety glass for use in areas with airborne dust.
- \* 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 1.9m height, EHWP1/7 heated a 7m<sup>2</sup> floor area to 20°C, while EHT1-20SG and EHSAFE20 mounted at 2.5m height heated a floor area of 12m<sup>2</sup> floor area to 24°C.

