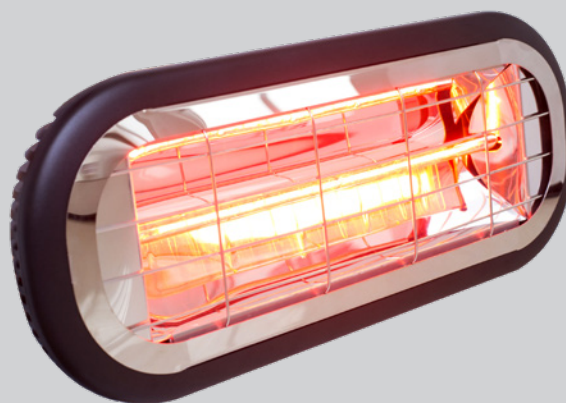


Radiant Heaters

- Economical and easy to install
- Silent in operation
- No yearly maintenance cost
- Shortwave IR halogen lamp
- Instant heat from switch on
- Precision heating directed where you need it
- Up to 5000 hours element life span
- IP65 rated and will work safely in the rain



Profile

Our radiant heating product range gives the flexibility to deal with large and small unheated spaces which would be uneconomical to heat using traditional space heating.

Areas such as bars, restaurants, terraces, delivery areas, warehouses and churches are some examples where our radiant heating products will provide an economical heating solution.

Radiant heat and its advantages

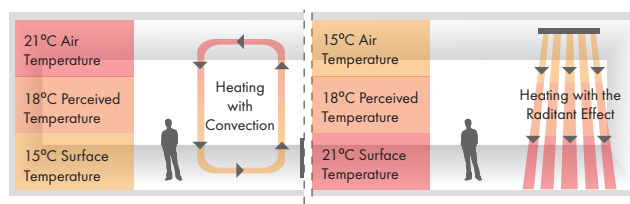
The heat we feel from the sun is called radiant heat and is part of the electromagnetic spectrum called infrared. Ultra violet and visible light also belong to the same family.

Visible light is the easiest part of this spectrum to understand, light travels in a straight line from the source, is unaffected by air and is invisible until it hits a surface. Shadows are a good example of this and are the absence of light.

Infrared rays behave in the same way, we cannot see them but we can feel them as warmth. A good example of this is the effect created when you move from the shade into the sun, although the temperature is the same, the perceived temperature when in direct sunlight is much higher. This phenomenon makes sunbathing possible during winter holidays. There are three categories of infrared; short wave (IR A), medium wave (IR B) and long wave (IR C), the shorter the wave length the easier it travels through the air.

The advantage when using short wave infrared heating is that the rays cut through the air and are not affected by air movement and only transmits its energy when it collides with a solid object. The rays also travel in a straight line so can be directed where you need it, ideal in locations which feature high ceilings, have high air change rates or are outside.

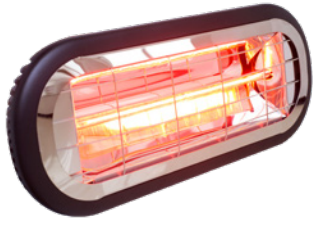
Convection Heating and Radiant Heating Comparison



Wave Infrared comparison

	Short Wave Infrared	Medium Wave Infrared	Long Wave Infrared
Typical source	IR Halogen Lamp	Quartz Heat Source	Resistance
Materials	Tungsten Filament welded in a quartz tube	Filament in compound of Fe-Cr-Al in a quartz tube	Filament in compound of Fe-Cr-Al in a steel tube
Radiant efficiency	92%	60%	40%
Switch on/off times	1 second	30 second	5 minutes

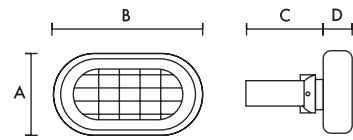
Models



Model
Sunburst 2kW

Stock Ref
SUNB2000BL-VA

Dimensions (mm)



Stock Ref	FRONT		SIDE	
	A	B	C	D
SUNB2000BL-VA	190	460	113	107

Technical Details

Stock Ref	Model	Weight kg	Voltage rating	Luminous spectrum	Accessories	Output W	Amps	Heating range m ²
SUNB2000BL-VA	Sunburst 2kW	2.6	220-240V 50Hz	IR-A	wall bracket	2000	9	10-12