AIR COMFORT AND AIR CONTROL

Air comfort solution: Infrared heaters

Electromagnetic spectrum

Infrared is a part of the electromagnetic spectrum and its rays are characterised by wavelengths longer than those of visible light and UV rays.

There are 3 types of infrared light:

	Wavelengths	Operating temperature
Short-wave IRA	700 – 1 400 nm	2 000°C and above
Medium-wave IRB	1 400 – 3 000 nm	Between 900 and 1 500°C
Long-wave IRC	3 000 – 10 000 nm	

halogen heating

PRODUCT

ADVANTAGES OF THE INFRARED HALOGEN HEATER

- **Performance:** The short waves emitted by halogen lamps directly heat solid matter (persons, objects, walls, etc.)..
- **Instantaneous response:** Halogen lamps deliver their output (between 1 000 and 4 500 W) in less than 2 seconds, providing immediate heat.
- **Health:** Ideal for asthmatic persons, this heating method does not stir up the air, thereby avoiding the proliferation of dust mites and particles.
- **Air tightness:** BRC heaters are designed to provide IPX5 protection, enabling it to be used out of doors even in rainy weather.
- **Comfort:** An effective and handy solution for occasional need.
- **Resistance:** The use of authentic (304) stainless steel makes it highly resistant to corrosion and oxidation.

SOLAR HEAT!

Did you know?

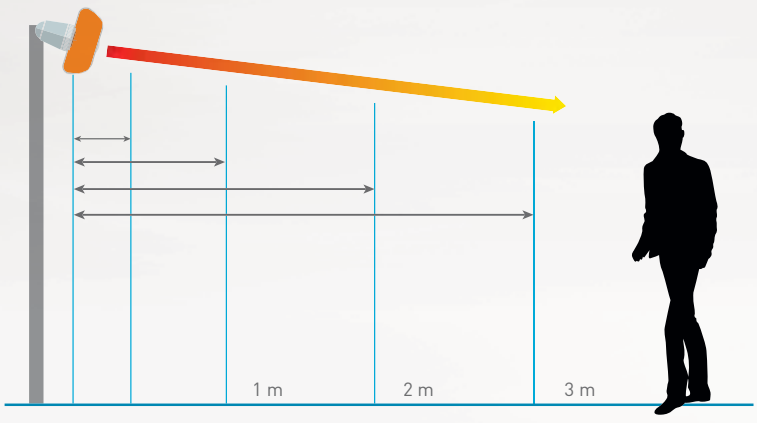
The heat given off by the sun is produced by infrared rays, which explains why the warmth is so pleasant and natural

Instantly felt heat

The table below shows the temperature readings off a surface area warmed by 1 500, 3 000 and 4 500 W heaters. These are temperatures measured from various distances (1, 2 and 3 metres), after 60 seconds of exposure at an ambient temperature of 20°C.

	1 500 W	3 000 W	4 500 W
3 metres	24°C	25°C	28°C
2 metres	27°C	30°C	33°C
1 metre	33°C	43°C	54°C

Temperature felt by 1 500 W of radiant heating



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Infrared heaters

inox 304

Infrared thermal radiation generates immediate, pleasurable warmth in solid matter (objects, humans, walls).

It can be used:

Inside:

- Restaurants, pubs, shops
- Places of worship, monuments, exhibition halls
- Gymnasiums
- Workshops, storage warehouses, garages, greenhouses.

Outside:

- Terraces, patios, social functions
- Stadiums, rostrums
- Smoking areas
- Work sites
- Etc.

MADE IN FRANCE

CE

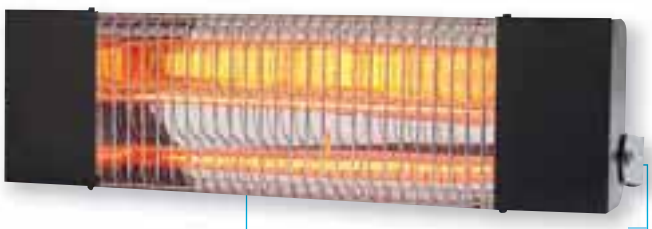
WARRANTY 2 YEARS

Directions

- Positioning: 50 cm clear of any obstruction (object, partitions, etc.), adjusted at a height of 2.20 to 4 metres depending on heating output and the heat requirements.
- Tip: for large surface areas, it is advisable to use several evenly spaced medium-intensity radiant heating devices rather than a single higher-powered device.

Optional

- Low-glare lamp.
- 304 stainless steel.
- Adjustable steel stand for single-tube Modell: 1 000, 1 500, 1 800 W (see Accessories on page 45).
- Remote control.



IR 1500

PRODUCT

- **Silent**
- **Natural process, no reagents added**
- **Wall, free-standing, suspended or floor Modells**
- **Directional**
- **Interior or exterior use (IPX5)**
- **Corrosion and rust-proof: austenitic (304) stainless steel**
- **Available in 7 Leistungs: from 1 000 to 4 500 W**

IR 3000

Code	Model	Output	Power supply	Other materials	Weight	Dimensions L x H x W	Standard lamp/ tube reference
IR1000i	IR 1000 heater, stainless steel	1x1000W	220V / 50Hz	black-coated 304 stainless steel	1,5kg	47x13,5x6,5cm	LN1000
IR1500i	IR 1500 heater, stainless steel	1x1500W	220V / 50Hz	black-coated 304 stainless steel	1,5kg	47x13,5x6,5cm	LN1500
IR1800i	IR 1800 heater, stainless steel	1x1800W	220V / 50Hz	black-coated 304 stainless steel	1,5kg	47x13,5x6,5cm	LN1800
IR2000i	IR 2000 heater, stainless steel	2x1000W	220V / 50Hz	black-coated 304 stainless steel	3kg	47x22,5x6,5cm	LN1000
IR3000i	IR 3000 heater, stainless steel	2x1500W	220V / 50Hz	black-coated 304 stainless steel	3kg	47x22,5x6,5cm	LN1500
IR3600i	IR 3600 heater, stainless steel	2x1800W	220V / 50Hz	black-coated 304 stainless steel	3kg	47x22,5x6,5cm	LN1800
IR4500i	IR 4500 heater, stainless steel	3x1500W	380V / 50Hz	black-coated 304 stainless steel	4,5kg	47x32x6,5cm	LN1500

Additional information on page **38**