

# EnergoInfra Industry

Electric Infrared Heater



EnergoInfra Industry provides an energy efficient heating for most applications and working environments with high ceiling heights, approximately 3-40 m. Heat accumulation in floors, walls and other surfaces means that the air temperature can be lowered, giving 25-50% energy savings and yet achieving the same warmth comfort.

EnergoInfra Industry, with its high operating temperature, may also be used outdoors, i.e. loading bays etc. The heater is approved in splash-proof IP44 design for wet and dry areas and outdoor installations.

Just like the sun warms the earth, Energolnfra Industry emits high temperature radiation which warms floors, walls and other surfaces. As a result you can lower the air temperature in the room and yet achieve the same warmth comfort with energy savings of 25-50% in comparison to hot air heating.

The high operation temperature makes the Energolnfra Industry especially suited for overall heating of applications with high ceilings, from approximately 4-40 m.

When used for spot heating in draughty working environments, the heater can be mounted from 3 m above the floor. It is also suitable for outdoor use, i.e. loading bays, spectator stands etc.

Energolnfra Industry is constructed of corrosion protected materials which assures a long life span. The casing and brackets are made of galvanised sheet steel, heating elements of stainless steel. The reflector is made of high-gloss polished aluminium.

Energolnfra Industry is available in three types, EIR3000, EIR4500 and EIR6000, see table.

The heater has three separate heating elements, 1 +1 +1, and can be connected to either 230V or 400V. It can be ceiling or wall mounted. Supplied fixing brackets are adjustable and can be angled in different fixed positions, see fig. 1. The heater can also be suspended on wires, chains etc. (optional extra).

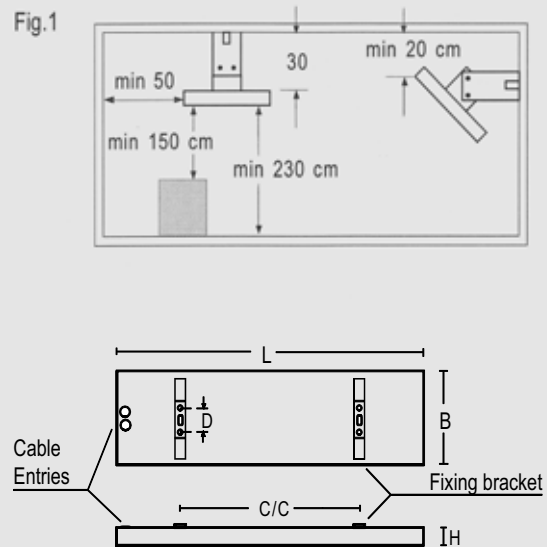
Energolnfra Industry is approved in splash-proof IP44 design for wet and dry areas and outdoor installations.

Energolnfra Industry is approved for fixed installation by an authorised electrician. Cable connections are to a 16 mm<sup>2</sup> terminal in the junction box at the end of the heater. The junction box has two cable lead-ins. Connection between several heaters is possible.

*Heat control is simply carried out with use of our room thermostats and/or a 3-step switch. Another clever heat management is our wireless dimmer solutions, ask us for a separate brochure.*



Fig.1



Type	230V~/400V 3~	cm				kg
		L	B	H	C/C	
EIR 3000	3000 W	103	30	8	65	5.5
EIR 4500	4500 W	136	30	8	82	7.0
EIR 6000	6000 W	168	30	8	103	8.5

Note! The heaters are convertible between 230V 1~ and 400V 3~.