

Energoinfra Industry

Electric Infrared Heater

Mounting and Installation instructions

EIR3000
EIR4500
EIR6000



Fig.1

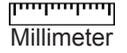
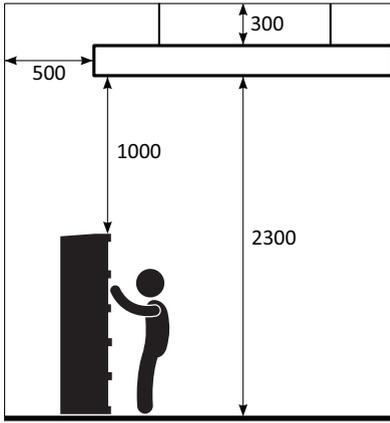


Fig.2

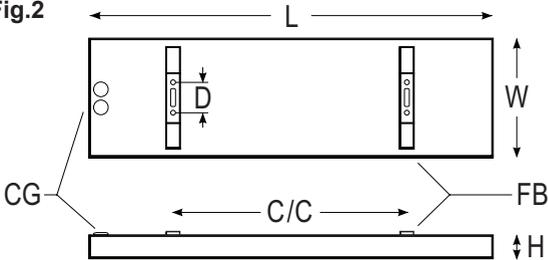


Fig.3

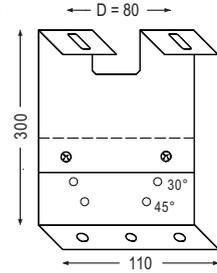


Fig.4a

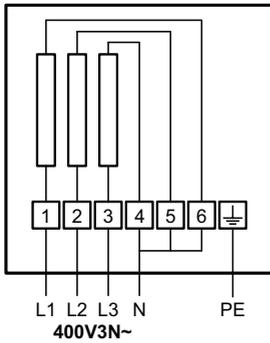
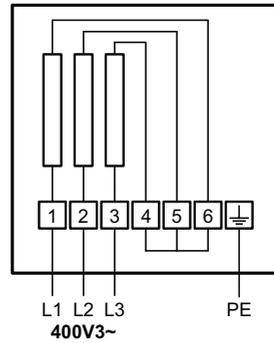


Fig.4b



Type	Output	Voltage	Current	L	W	H	C/C	Kg
EIR3000	3000W	400V3N~	4.33A	1030	300	80	650	5.5
EIR4500	4500W	400V3N~	6.50A	1360	300	80	820	7.0
EIR6000	6000W	400V3N~	8.66A	1680	300	80	1030	8.5

Energolnra Industry EIR3000, EIR4500 and EIR6000, 400V3N~, are intended for permanent installation by an authorized electrician and in accordance with existing national regulations. The appliance must be preceded by an all-pole switch, min. 3mm contact gap. Appliance and protection class: Class I - IP44.

1. The EIR Industry can be mounted to the ceiling or on the wall, horizontally, where the lowest installation height is 2.3m from the floor level. Respect and follow the minimum distances to the surrounding surfaces, according to fig.1.

NOTE! Do not cover the heater or direct it towards combustible items. Fixed heater must not be mounted in front of a socket outlet.

2. The supplied ceiling/wall brackets should be mounted with a C/C distance, see fig.2 and table. The brackets can be angled in different positions, when wall mounted. There are two mounting holes per ceiling bracket, where "D" is the distance between the holes, fig.3. The fixing brackets "FB", on top of the heater, is to be hung up and fixed to the ceiling/wall brackets.

3. Alternative suspension kits are available to ease installation using wall wire mount or chains.

4. On top of the heater there are two cable grommets "CG", fig.2, allowing multiple connections. Connection according to fig.4a, to a 16mm² terminal block. Using this connection, one heating element at a time can be connected (for three output steps). Protect the supply cable, if it comes in contact with hot parts!

Note! The heater may also be connected to 230V1~ by some internal rewiring. Visit our web site to download the wiring instruction:
www.energotech.com/media/31441/230V.pdf

5. When starting-up the heater for the first time or after a long period of disuse, smoke or odor may result from grease, dust or dirt that has collected on the element. This is normal and disappears after a short period of time.

6. Like in all electrical heating appliances, clicks can occur during expansion and contraction of the material, due to movement when the temperature changes.

7. The heater may undergo a color variation following being energized for the first time and during its life span. The extent is relevant to the operating environment and is normal behavior.

Aerosols, paint, solvents, dust and filth etc... may adhere to the heater and can potentially cause discoloration. The performance of the heater is unaffected by discoloration. As a precaution, always switch off the heater while painting and drying!

8. When cleaning the heater, make sure that the heater is switched off. Let the heater cool down. Use a soft cloth to clean the body of the heater. For cleaning the reflector, use a clean soft brush.

9. If refit is needed, the heating elements can be replaced in site without having to take down the heater. Unscrew lid and wires. Pull out the part in question and replace with a new one.

10. Information about energy consumption 
In combination with an Ecodesign-compliant thermostat, the product data complies with the EU regulations on the Ecodesign Directive (2009/125/EC) for energy-related products (ErP).

11. Safety 

- When the installation is protected by an RCD, a 300mA residual current device has to be used.
- Warning - Hot surface! Do not touch the heater when in use!
- Do not cover the heater! Risk of fire!
- This appliance shall not be used by children less than 8 years or persons with reduced physical, sensorial or mental disability or lack of experience and knowledge, unless they are supervised or were instructed how to use the appliance in a safe way, and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.