

# Energocassette

Electric Ceiling Heating System

## Mounting and Installation

ENC300  
ENC600

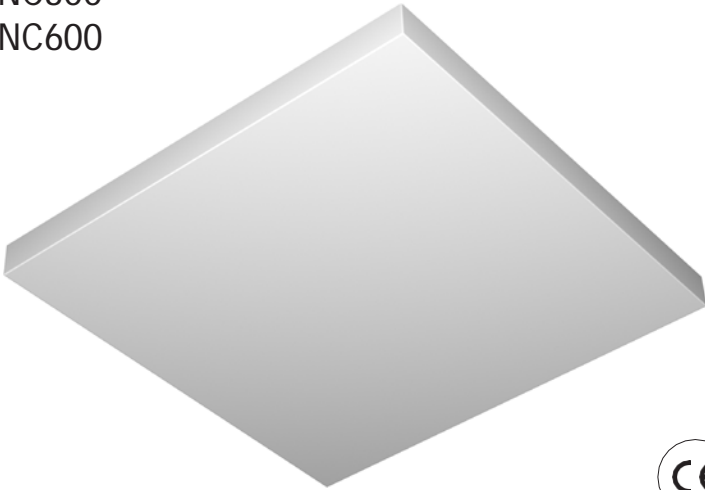


Fig.1a

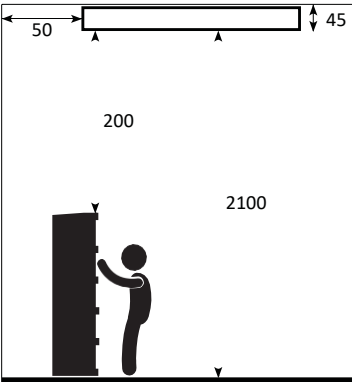


Fig.1b

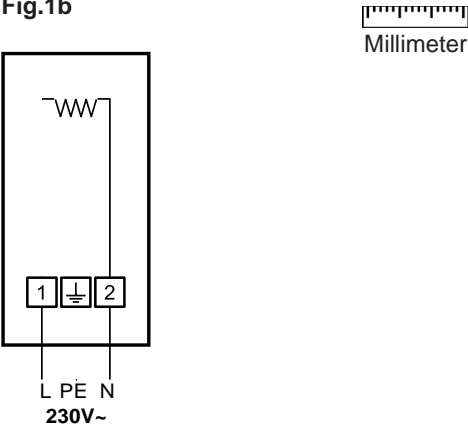


Fig.2

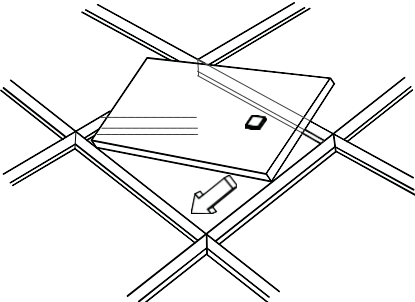


Fig.3

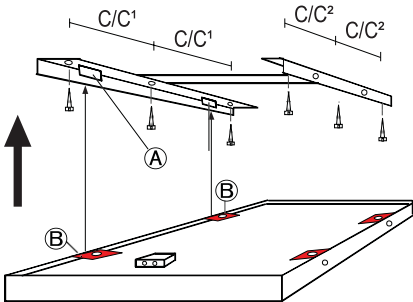


Fig.4

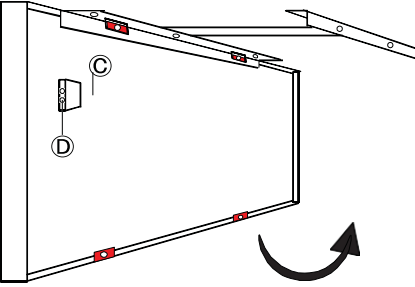
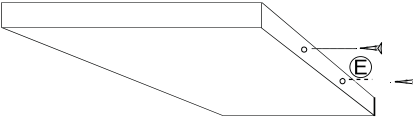


Fig.5



Type	Output	Voltage	Current	L	W	H	C/C'	C/C'	Kg
ENC300	300W	230V~	1.30A	593	593	45	275	175	5.5
ENC600	600W	230V~	2.61A	1193	593	45	370	270	10.0

Energocassette ENC300 and ENC600, 230V~, 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 - IP55.

1. The Energocassette can be fitted into suspended ceilings with T-bars 15mm or 24mm, fig.2, or fixed onto the ceiling using the supplied H-bracket, fig.3.

Lowest installation height is 2.1m from floor level. Respect and follow the minimum distances to the surrounding surfaces, according to fig.1a. The fixed heater must not be mounted in front of a socket outlet.

2. When mounting onto the ceiling, secure the bracket first to the ceiling with three screws on each side with distances C/C<sup>1</sup> and C/C<sup>2</sup>, see fig.3 and table. Insert the ENC into the H-bracket by hooking the fixings (B) into the fixing slots (A).

3. Let the ENC hang vertically, fig.4, and connect the power supply cable to the 4mm<sup>2</sup> terminal block in the connection box (C) according to fig.1b, through the cable grommets (D).

4. Swing up, fig.4, and secure the heater horizontally into the H-bracket, fig.5, with the two supplied screws (E). Warning! Make sure that the fixings (B) do not become unhooked at the opposite side.

5. If the ENC is to be mounted with chains, wires, or rigid fixings use the 4 existing fixing brackets (B), as hanging points, see fig.3.

6. 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. Ensure the room/space is well ventilated during this process.

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

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

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

9. 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).

## 10. Safety

- When the installation is protected by an RCD, a 300mA residual current device must 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 or persons with reduced physical, sensorial or intellectual/mental health 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.

11. ENC heating panels are maintenance free items as there are no moving or consumable parts.

## Fault Finding

As long as the panel has power (230V 50Hz) correctly connected, the panel will heat up and remain steady at the operating temperature. If the panel does not heat up, this would indicate a fault (break in the resistance cable)

To check if the ENC heating panel is working, use a Multi Meter set to Ohms (Resistance), if there is no resistance then this would indicate that the heater (resistance cable) is broken (open circuit).

If the ENC heating panel has a resistance when unconnected from the power source but when connected to the power source does not heat up, this would indicate an issue with either the power source, controller, or connection of the power source – Contact a qualified Electrician to fault find and diagnose .



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