

*the future of space conditioning*

# EnergoCassette

radiant heating





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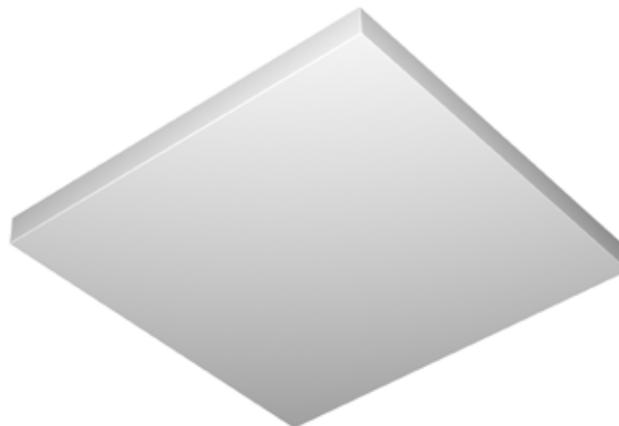
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# Introduction

The EnergoCassette is an electric radiant heater that will supply gentle, even and comfortable heat in various applications. The heaters can be used to provide general heating, or to raise the temperature in certain areas (spot heating).

As the EnergoCassette uses radiant heat, the heat is concentrated in the occupied area, thus minimising energy losses through stratification of heated air. The system is simple and inexpensive to install and maintenance free.

EnergoCassette emits a gentle, pleasant black radiant heat (long wave), not to be confused with high-temperature shortwave infrared heat and the low surface temperature makes the EnergoCassette ideal to use for general heating of small or large areas where installation heights are between 2-3.5m from floor height.



*EnergoCassette Radiant Heater*

## Benefits of Radiant Heating

- Possible to maintain 3-6°C lower air temperature that with conventional heating.
- Concentrates heat to the occupied zone.
- Minimising warm-up times.

## Benefits of EnergoCassette

- No moving parts equates to reduced maintenance costs.
- Ceiling mounted units free up wall and floor space.
- Can be integrated into a 600 x 600 suspended ceiling system.
- Contemporary design with flat plate.
- Splash proof IP55.



# Technical Data

Part No.	Heating Capacity (W)	Voltage (V)	Size (LxWxD) mm	Weight (Kg)	Surface Temperature
ENC300	300	230	600 x 600 x 45	5.5	Upto 100°C
ENC600	600	230	1200 x 600 x 45	10.0	Upto 100°C

*\*Size is nominal less 7mm to suit a standard 600x600mm ceiling grid*

## Control

Frenger can supply a range of suitable thermostats to be used with EnergoCassette at an additional cost. Should you require any assistance in selection contact our technical sales department.

## Design

The EnergoCassette consists of a heating coil encased in a white painted steel panel. The unit is approved to IP55 (jet proof) making it suitable to use in wet, dry and fire hazardous areas.

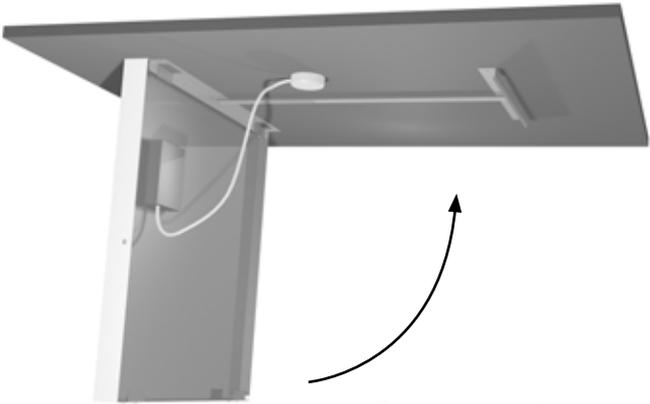


# Mounting & Installation

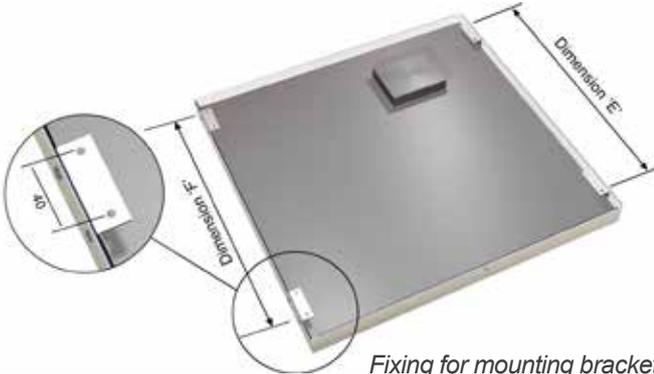
The EnergoCassette is a universal model designed for fitting flush into a T-bar (15-24mm) suspended ceiling, or mounted directly onto the ceiling with the supplied mounting brackets thus freeing valuable floor and wall space.

For vertical mounting instructions please contact Frenger's Technical Department.

<b>Part No.</b>	ENC300	ENC600
<b>Dimensions 'E' (mm)</b>	550	740
<b>Dimensions 'F' (mm)</b>	350	540



Supplied mounting bracket



Fixing for mounting bracket

## Minimum Mounting Details

	Description	Minimum Distance
A	Heater to wall	50mm
B	Heater to flammable material	200mm
C	Heater to floor	1800mm
D	Heater to ceiling	45mm



Minimum mounting distances



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