



ENERGOCASSETTE

ENERGY-EFFICIENT CEILING HEATING



ENERGOCASSETTE radiant ceiling heaters operate on a similar principle to ENERGOSTRIP heaters, by radiating low temperature heat to the floor, walls and objects in a room. This allows the air temperature in the room to be lowered without affecting comfort levels, and also provides energy savings of between 15% and 30%. Radiant heat provides warmth where you need it, unlike conventional heating which causes hot air to rise and leaves low temperatures at floor level.



EnergoCassette gently radiants low temperature heat to floors, walls and objects in this typical classroom situation.



EnergoCassette flush-fits directly into a "T-bar" ceiling, freeing up valuable wall and floor space.

ENERGOCASSETTE's low surface temperature makes the heater especially suitable for fitting to low ceilings, from 2–3.5 metres in height. This makes it an ideal heating solution for offices, classrooms, houses, showrooms and retail outlets, where ceiling height is often a consideration.

ENERGOCASSETTE has been approved as a spray-safe design for wet and dry areas (IP55) and can be safely used in shower areas and industrial environments such as agriculture and pulp and paper. It is covered by a 2 year manufacturer's warranty.

Heat loss

Compensation for heat loss is the key to a good heating system. ENERGOCASSETTE offers the ideal solution by warming the objects in a room, along with the walls and windows. This unique effect prevents the body losing heat to a colder surface, thereby raising comfort levels. ENERGOCASSETTE provides a gentle even warmth without stuffiness.

Installation

ENERGOCASSETTE is available in two models, both of which are designed to flush-fit into a T-bar suspended ceiling. They can also be fitted directly onto a ceiling by using the supplied fixing brackets. These brackets are recessed into the back of the heater (see diagram) and are hidden when fixed, presenting a clean and uncluttered view.

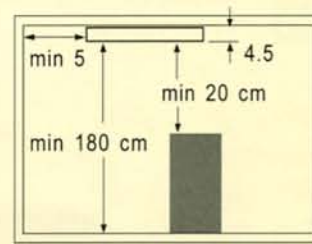
Solid Ceilings: ENERGOCASSETTE can be flush-fitted into a gibbed or timber ceiling by utilising the optional recess frame, supplied as an extra. Because ENERGOCASSETTE is ceiling-mounted, walls and floors are free of obstruction and the heater is also safe from unwanted contact and damage.

ENERGOCASSETTE is approved for permanent installation and inter-connection between heaters is achievable.

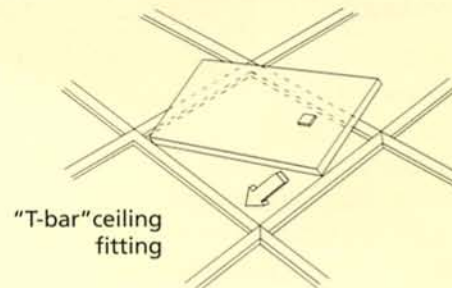
Cable connections are to a 4mm² terminal in the junction box at the rear of the heater, hidden from view.



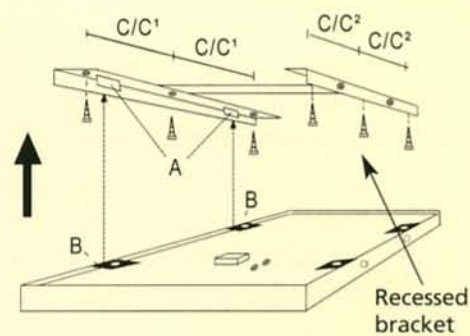
A view of the back of an EnergoCassette heater, showing the recessed fixing bracket in position, ready for installation onto a gibbed or timber ceiling



Measurements to fixed objects (cm)



"T-bar" ceiling fitting



Recessed bracket

Control

Whilst ENERGOCASSETTE can be controlled by a simple time clock, maximum efficiency and comfort is obtained by utilising Enersave's range of OJ Elektronik controllers, which are accurate to within 0.4°C. They are available flush-fitting and wall-mounted, with or without a built-in time clock. Alternatively, they can be switchboard-mounted with remote room sensing.

OJ thermostats are range-lockable, with built-in isolator and LED indicator as standard. Tamperproof covers are available as an extra.

Colour ENERGOCASSETTE's elegant appearance is enhanced by the powder-coated warm white finish in colour RAL9010.

Colour Options Enersave can supply heaters, at additional cost, in a wide range of colours to suit individual specifications.



Comfort levels in this corporate boardroom are enhanced by the use of ceiling-mounted EnergoCassette radiant heaters

Type	230-240V (W)	L	B	H (cm)	C/C ¹	C/C ²	Kg
ENC300	300-327	59.3	59.3	4.5	27.5	17.5	5.5
ENC600	600-655	119.3	59.3	4.5	37	27	10.0

L=length; B=breadth; H=height

ENERGOCASSETTE radiant heaters comply with AS/NZS3350-2-30:1997
IP55 Splashproof design for wet and dry areas.