

Ecosun S infrared panels are an ideal way of providing thermal comfort in commercial and industrial buildings. They are specifically designed for high level mounting.

They can be horizontally ceiling mounted with an auxiliary frame or suspended on drop rods or chains. They are only 60mm deep and typical applications include large volume spaces where conventional warm air convection heating systems would be uneconomic.

These include ; Supermarkets, Gymnasiums, Showrooms, Factories and Warehouses.



Features

- Localised Heating - only warm the area required e.g. work stations
- Suspended or ceiling mounted. Ecosun radiant heat panels provide totally usable floor and wall space and reduce the risk of damage or vandalism.
- Higher ventilation and air extract rates do not significantly effect the radiant performance of Ecosun panels which primarily warm the fabric of the heated area.
- Gentle infrared heat results in improved comfort conditions at lower inside ambient temperature - providing comfort conditions at lower running costs.
- Infrared heating does not cause air convection currents, therefore minimising dust movement and provides a clean, draft free environment.
- Ecosun panels are constructed using a rod heating element encapsulated within a special aluminium extrusion profile. The surface area of the aluminium profile is treated with a silicating process which substantially increases its surface area and its ability to emit heat. The result is a high efficiency, low maintenance heater suitable for commercial and industrial environments.

Technical Detail

- Attractive power coated casing (RAL9010 off white) & grey radiating faceplate.
- Fully insulated galvanised casing with class O foil backed 25mm thick insulation
- Ceiling mounting frame included in installation kit
- Heating panel surface temperature - approx. 350 °C
- Protection: Class1 , IP x 4, Cable gland to IP44
- Thermo crystal high emissivity heating panel
- Recommended mounting heights: Full heating; 5m - 8m, localised spot heating; 3.5m - 4.5m
- Accessories available - tiltable brackets and protective grill.

Installation

Due to the high power outputs Ecosun electric heating panels must be installed the following minimum distances from:

- Radiant surfaces (up to 260° C) 1000mm
- Back side of panel 100mm
- Minimum distance from wall 1500mm
- Minimum height from the floor 3500mm



Product Codes

Product Code	Wattage	Voltage	Weight (Kg)	Dimensions
HN S+09	900	230	8.15	1550 x 150 x 60mm
HN S+12	1200	230	8.15	1550 x 150 x 60mm
HN S+18	1800	230/400 2N	12.9	1550 x 250 x 60mm
HN S+24	2400	230/400 2N	12.9	1550 x 250 x 60mm
HN S+30	3000	230/400 2N	17.7	1550 x 350 x 60mm
HN S+36	3600	23/400 2N	17.7	1550 x 350 x 60mm