

DESCRIPTION

The ESWA Radiant Ceiling heating element consists of a metallic resistance foil that is laminated between two layers of high-grade plastic. It has reinforced edges for fixing between the joists/battens and the ceiling material. Connection is via an integrated connection box at one end. It is completely hidden system that radiates its warmth through the ceiling to warm the surfaces below. 10 year manufacturers warranty.

APPLICATION

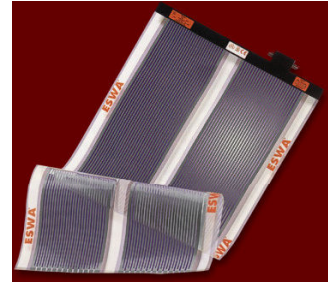
ESWA Ceiling Heating is ideal for domestic living areas and less-used spaces, such as formal lounges and holiday homes. It is well suited to rest homes and retirement complexes, as well as motels.

COMPLIANCES

- IEC 60335-1
- IEC 60335-2.96

CONSTRUCTION

- Metallic Resistance Foil
- Multiple Layer Plastic Laminate
- Reinforced Edges for Fixing
- Integrated Termination - Push Connection for 2 core 2.5mm² Solid TPS Cable (supplied extra)
- Two widths available - 400mm and 600mm batten spacings

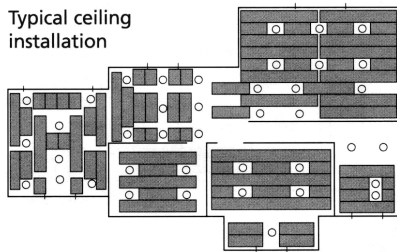


Model	Size (cm)	Area (m ²)	Power (W)	Min. Distance Between Batten Faces (mm)
C4-100*	40 x 100*	0.80 (pair)	120 (pair)	330
C4-195	40 x 195	0.78	120	330
C4-250	40 x 250	1.00	150	330
C4-300	40 x 300	1.20	180	330
C4-350	40 x 350	1.40	210	330
C6-070*	60 x 70*	0.84 (pair)	130 (pair)	530
C6-140	60 x 140	0.84	125	530
C6-190	60 x 190	1.14	175	530
C6-270	60 x 270	1.62	245	530
C6-330	60 x 330	1.98	300	530
C6-390	60 x 390	2.34	350	530

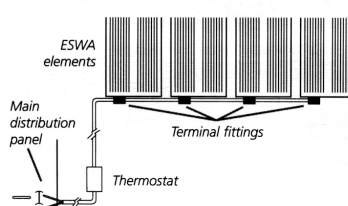


* These foils are rated at 115 Volts and therefore require two foils to be connected in series

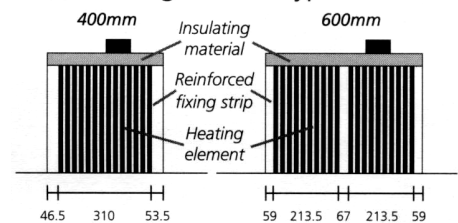
Typical ceiling installation



Typical electrical installation



Foil heating element types



CONTROLS

- Flush mounted electronic thermostat with built-in room sensor and ceiling limitation sensor, with or without a built-in time clock - [OJ Electronic Range](#).

INSTALLATION

- ESWA Ceiling Foils are fastened to the ceiling battens using nails, screws or double-sided adhesive tape dependant on batten type (timber or metal).
- The foils are terminated with 2.5mm² solid twin copper TPS cable with all branch circuits running back to the distribution board via a room thermostat.
- The ceiling lining is fixed in accordance with the manufacturer's instructions.
- The elements should be tested immediately after installation and again when ceiling lining is completed.
- For full details on installation and commissioning refer to ESWA Ceiling Heating Installation Instructions.

ENERSAVE Products Limited

NEW ZEALAND ◻ PO Box 8867, CHRISTCHURCH ◻ Free Phone/Fax : 0800 508 509 ◻ Email : info@enersave.co.nz ◻ www.enersave.co.nz
 AUSTRALIA ◻ Unit 107/45 Gilby Road, Mount Waverley, VICTORIA 3149 ◻ Phone 61 3 9558 8211 ◻ Fax 61 3 9558 8222 ◻ ARBN 093 247 413