

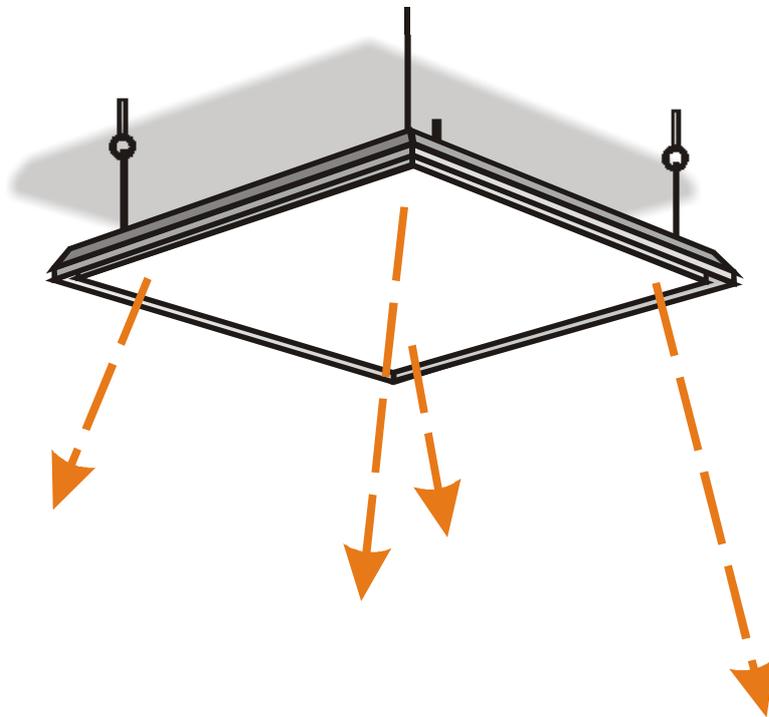


# **FLEXEL**

International Limited

## **LOW TEMPERATURE RADIANT HEATING CASSETTES**

**250W – 600W**





## 1. General Information

1.1 Cassettes are class1 usually IPX4.

1.2 Cassettes have to be installed according to local electrical regulations.

1.3 Heating circuits must be protected by a 30ma double pole RCD.

1.4 Building materials surrounding the cassette must have a thermal protection  $> 60^{\circ}\text{C}$ .

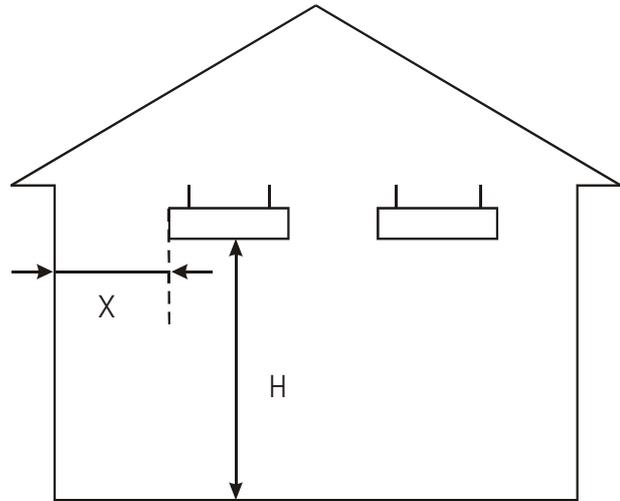
## 2. Cassette Installation

There are 3 methods of installation

- Fixing **to** the ceiling
- Suspended **from** the ceiling
- Fitted **into** the ceiling

**NOTE:** Minimal distances from surroundings of 0.6m must be observed during the installation.

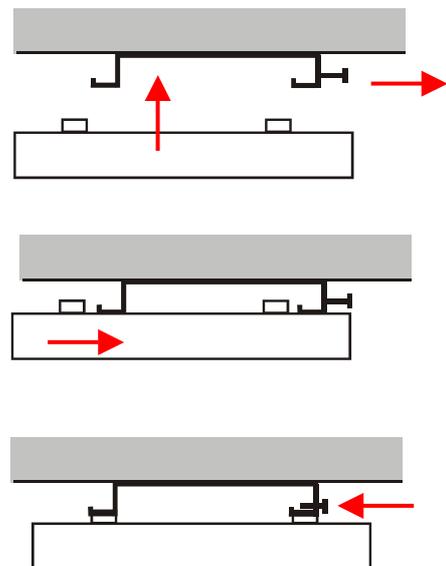
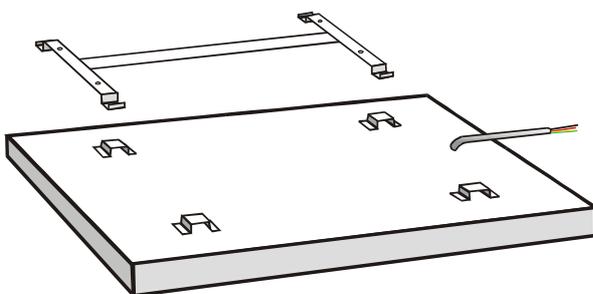
Medium output for overhead mounting to 4 metres. Square edge, flat or decorative hooded canopy design available in white stove enamel finish.



### 2.1 Fixing to the ceiling

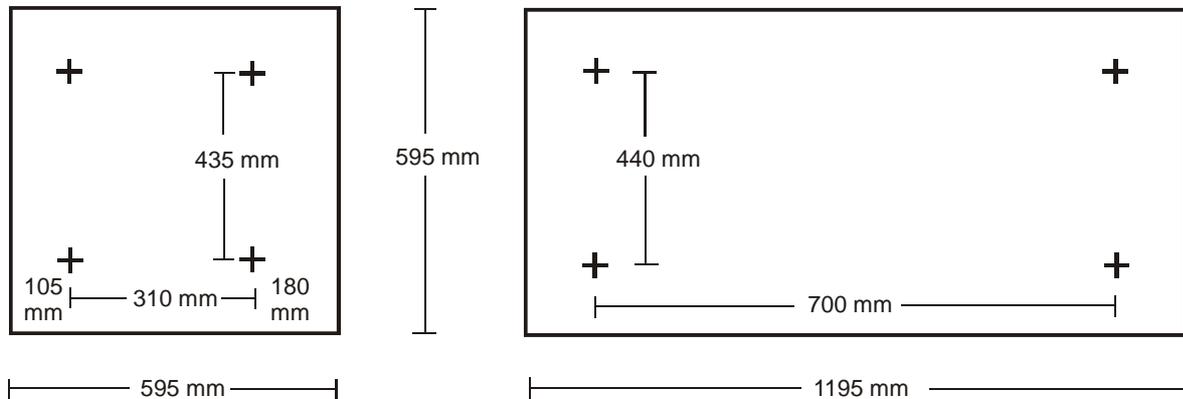
Cassette is secured to the ceiling via the fixing frame.

The procedure for placing the cassette on the frame is shown here.



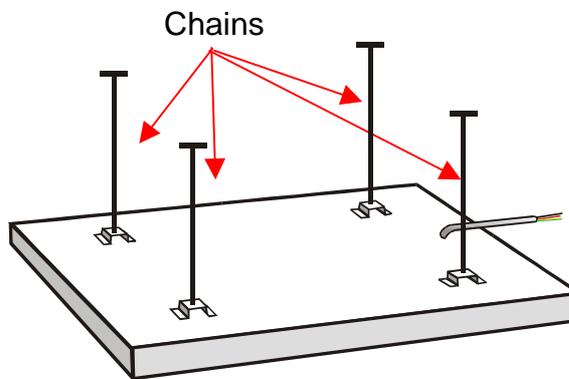


## Cassette Dimensions showing the fixing points.

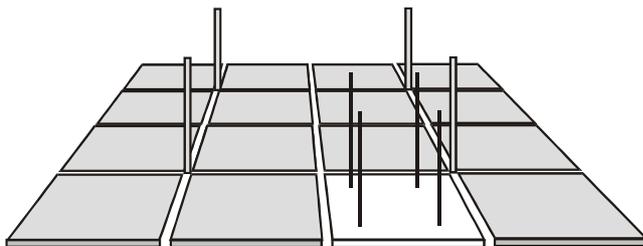


## 2.2 Suspended Cassettes

On the rear of the radiant cassette there are four fixing points for suspending the cassette. The chain should be composed of zinc coated steel, with a single link diameter of 2.5mm. Maximum length for the chain should not exceed 1.5m.



## 2.3 Installation within a Suspended Ceiling



Cassettes are installed within a suspended ceiling construction. For additional support the cassette may be suspended independently within the grid.

## 3. Connection

Supply voltage 220V – 240V ~ (AC) single phase.

Cassette is equipped with a three core cable, cross section 3 x 1.5mm<sup>2</sup>, length of 2m. Phase – brown, Neutral – blue, Earth – green & yellow.

## 4. Control

Thermostats are used to control the heated areas. The thermostat is best located at a height of 1.5m – 1.8m and positioned away from draughts and direct sunlight.

**NOTE: Cassettes must only be installed by a suitably qualified electrician.**



## 5. Technical Characteristics

Type	Length (mm)	Width (mm)	Height (mm)	Output (W)	Voltage (V)	IP	Weight (Kg)
2/C	595	595	25	250	230	44	6
2/C	595	595	25	300	230	44	6
5/C	1195	595	25	500	230	44	12
5/C	1195	595	25	600	230	54	12
SL/C	1195	295	25	300	230	65	4

### Guarantee Conditions

The manufacturer offers a 24 months guarantee on this product. The guarantee does not cover defects caused by transportation, negligent manipulation and unprofessional installation.

Flexel International Ltd

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### Flexel Radiant Heating Cassette

Please complete and return this installation completion certificate within 10 days to Flexel International Ltd and retain a copy to validate the guarantee.

Name: .....

Address: .....

.....

Room fitted: ..... Model

Signed by electrician: ..... Date: .....

Date of completion and testing: .....