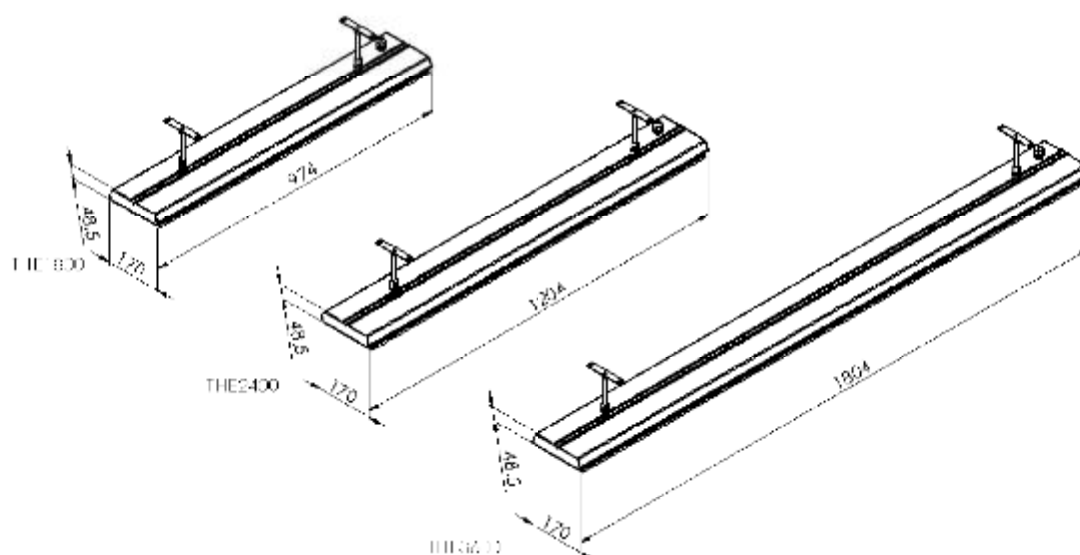




Specifications - Australia

MODEL	POWER (WATTS)	CURRENT (AMPS)	DIMENSIONS (mm)	WEIGHT (Kg)	LEAD LENGTH (mm)	PLUG
THE1800	1800	7.5	974 x 170 x 48.5	4	1000	YES
THE2400	2400	10	1204 x 170 x 48.5	7	1000	YES
THE3600	3600	15	1804 x 170 x 48.5	9	1000	NO

MODEL	
HEATER TYPE	High intensity electric radiant overhead heater with high surface area profiled alloy
OUTPUT	Refer to model code chart above
POWER	240 Volts Nominal at 50 Hertz, Single Phase
CONNECTION	3 Core Cable 2.5mm ²
APPROVALS	AUSTRALIA/NZ
MOUNTING HEIGHT	MINIMUM 2.1 m RECOMMENDED 2.3 m to 2.5 m MAXIMUM 2.7 m in a fully enclosed outdoor area (For higher ceiling heights, units can be lowered using optional bracket kits or refer to the Heatstrip Max range)
MOUNTING OPTIONS	Suitable for ceiling, wall, beam, fixed umbrella and recess mounting. Also available for extension mount using rigid fixing poles and chains / wire suspension.
PROTECTION RATING	IP55 Protection from water ingress from all directions
COUNTRY OF ASSEMBLY	Australia





Spot heating principle

In most outdoor or difficult-to-heat indoor applications, there are 2 options when calculating the size and quantity of the heaters required.

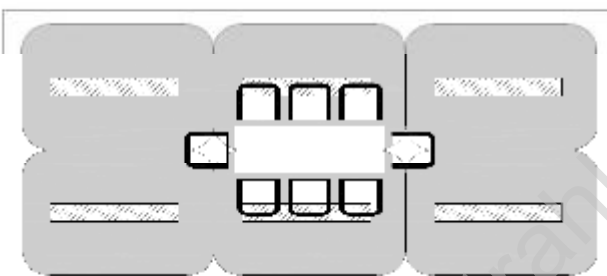
Option 1 is to comfort heat the entire area based on the total dimensions of the space, regardless of whether the entire area is being fully occupied.

Option 2 is to spot heat the high use areas, such as over outdoor tables, BBQ's, lounges, assembly lines or indoor workstations.

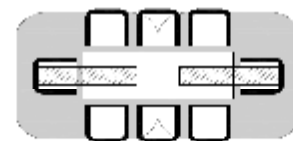
Often it is more practical and efficient to spot heat high use areas. Spot heating will reduce both the initial capital cost as well as the ongoing running costs. Spot heating will allow the area to be "zoned", meaning only the areas that are being used are heated, such as tables in a restaurant or outdoor alfresco area.

Option 1 and 2 show a comparison between heating an entire area or spot heating over a table.

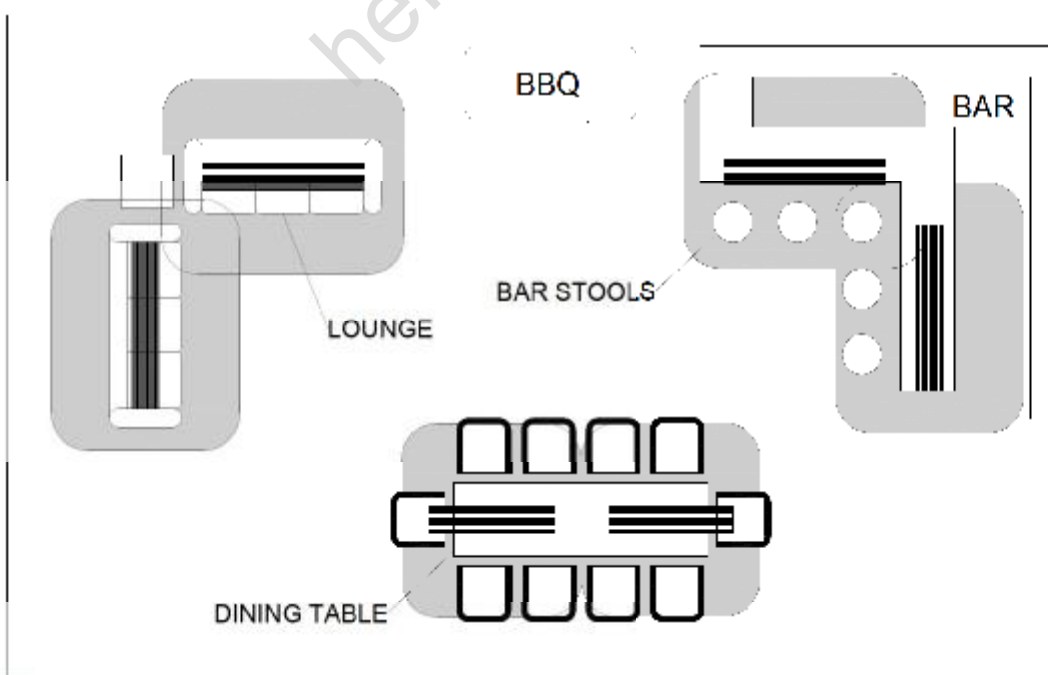
The bottom layout shows the flexibility of using HEATSTRIP to provide a comfortable environment, even when the layout of the area is very unusual.



Option 1: 6 x THE2100



Option 2: 2 x THE2100





Selection guide

General recommendations for **HEATSTRIP Elegance**:

- Ideal mounting height: 2.3m to 2.5m. Maximum is 2.7m in a fully protected/enclosed outdoor environment.
- Ideal mounting location: ceiling mounted, directly above area to be heated (eg. above a table)
- Minimum recommended heating capacity for various installations are: 400W/m² for indoor spot heating; 500W/m² for protected outdoor areas, and 600W/m² for exposed outdoor areas. To ensure the Heatstrip Elegance provides satisfactory performance, Thermofilm strongly recommends using conservative coverage areas when specifying how many heaters are required for each installation.

The table below outlines the *maximum* coverage of each **HEATSTRIP Elegance** model based on 3 different scenarios with direct overhead mounting at minimum installation height. For example, for an outdoor area that is protected from prevailing winds by walls, café blinds etc, Model THE1800 will cover a *maximum* of 3.6m² and Model THE2400 will cover a *maximum* of 4.8m².

For angled wall mounting applications, the coverage is reduced by up to 40%.

MODEL	INDOOR PROTECTED (m ²)	OUTDOOR ENCLOSED (m ²)	OUTDOOR EXPOSED (m ²)
THE 1800	4.5	3.6	3
THE 2400	6	4.8	4
THE 3600	9	7.2	6

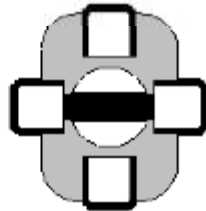




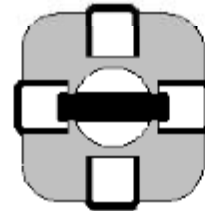
Table layout

For the majority of outdoor applications, the most effective method is to spot heat a table or similar area. The diagrams below provide an easy selection guide for the approximate model and quantity of heaters required to heat common residential table settings.

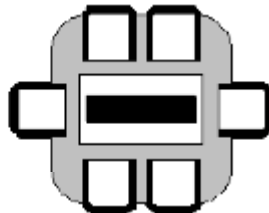
Selections are based on HEATSTRIP Elegance being mounted at 2.4m from the floor in a fully enclosed undercover outdoor area.



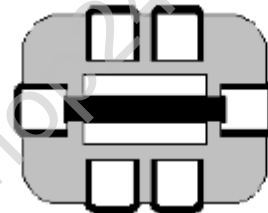
THE1800



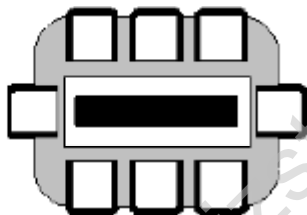
THE2400



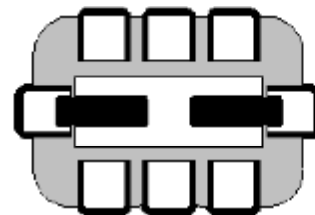
THE2400



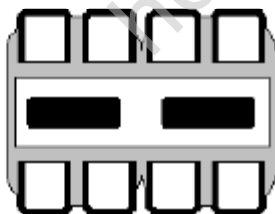
THE3600



THE3600



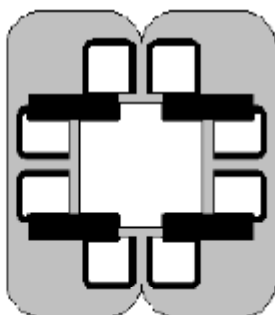
2 x THE1800



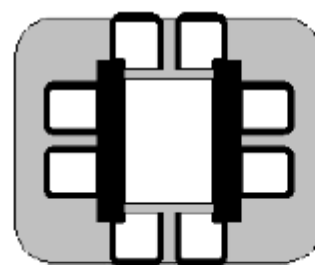
2 x THE1800



2 x THE2400



4 x THE1800



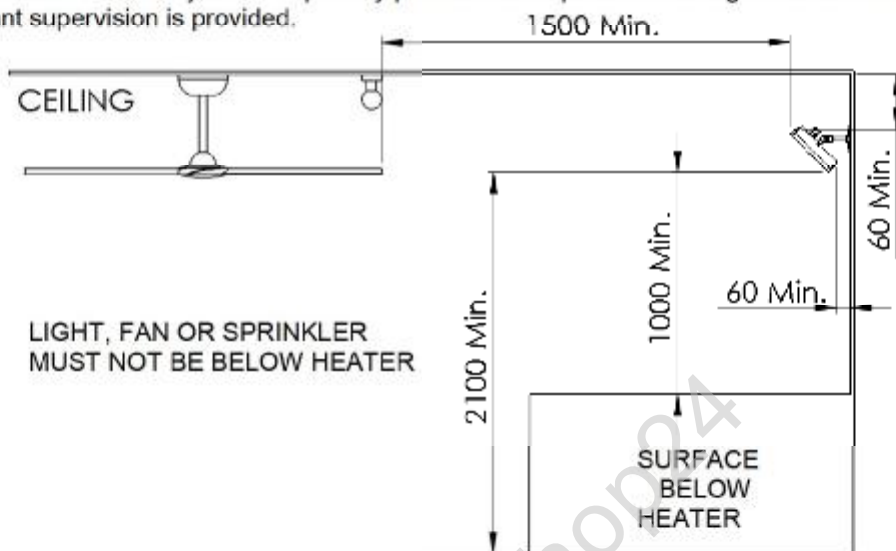
2 x THE3600



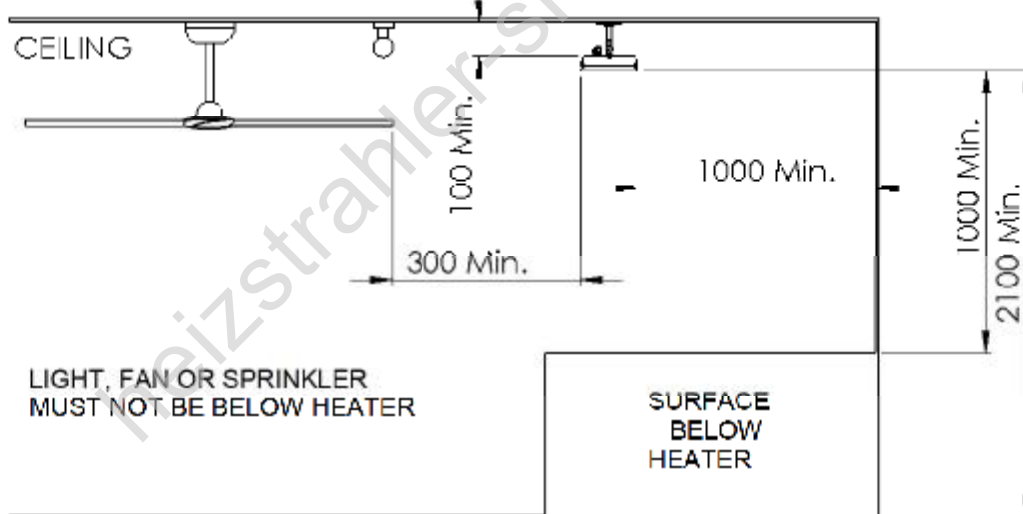
Installation location —the diagrams below provide the minimum recommended clearances in mm.

WARNING: This heater is not equipped with a device to control the room temperature. Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

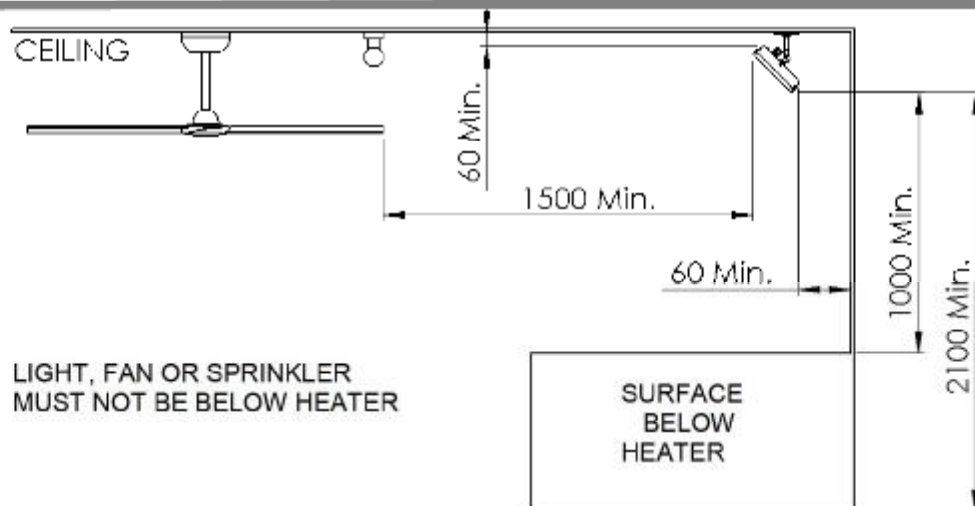
Angled Wall Installation



Ceiling Installation



Angled Ceiling Installation

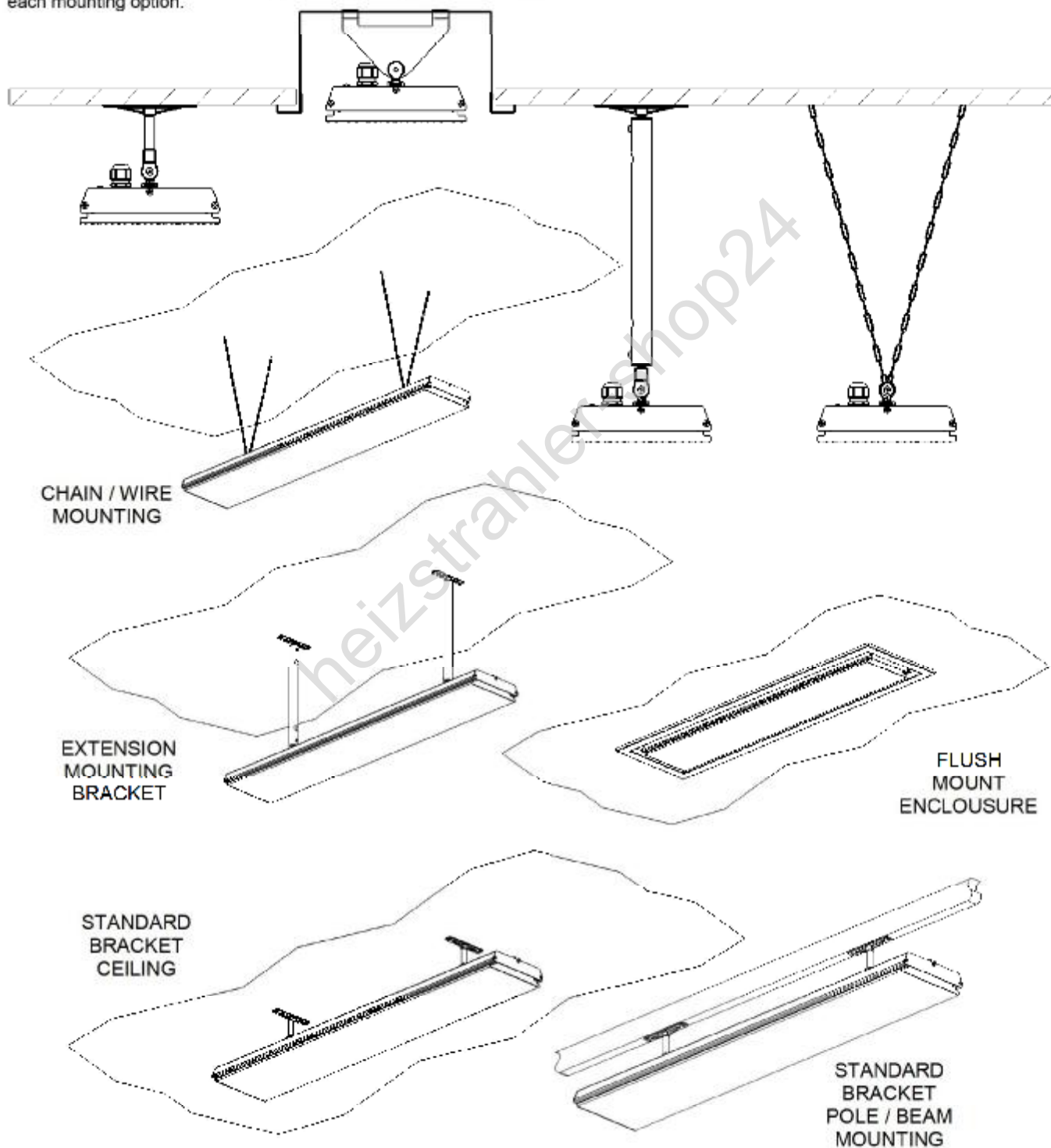




Mounting options

Installing the HEATSTRIP Elegance is simple and easy using the standard mounting brackets supplied. For other irregular locations there are range of mounting options available - refer to diagrams below

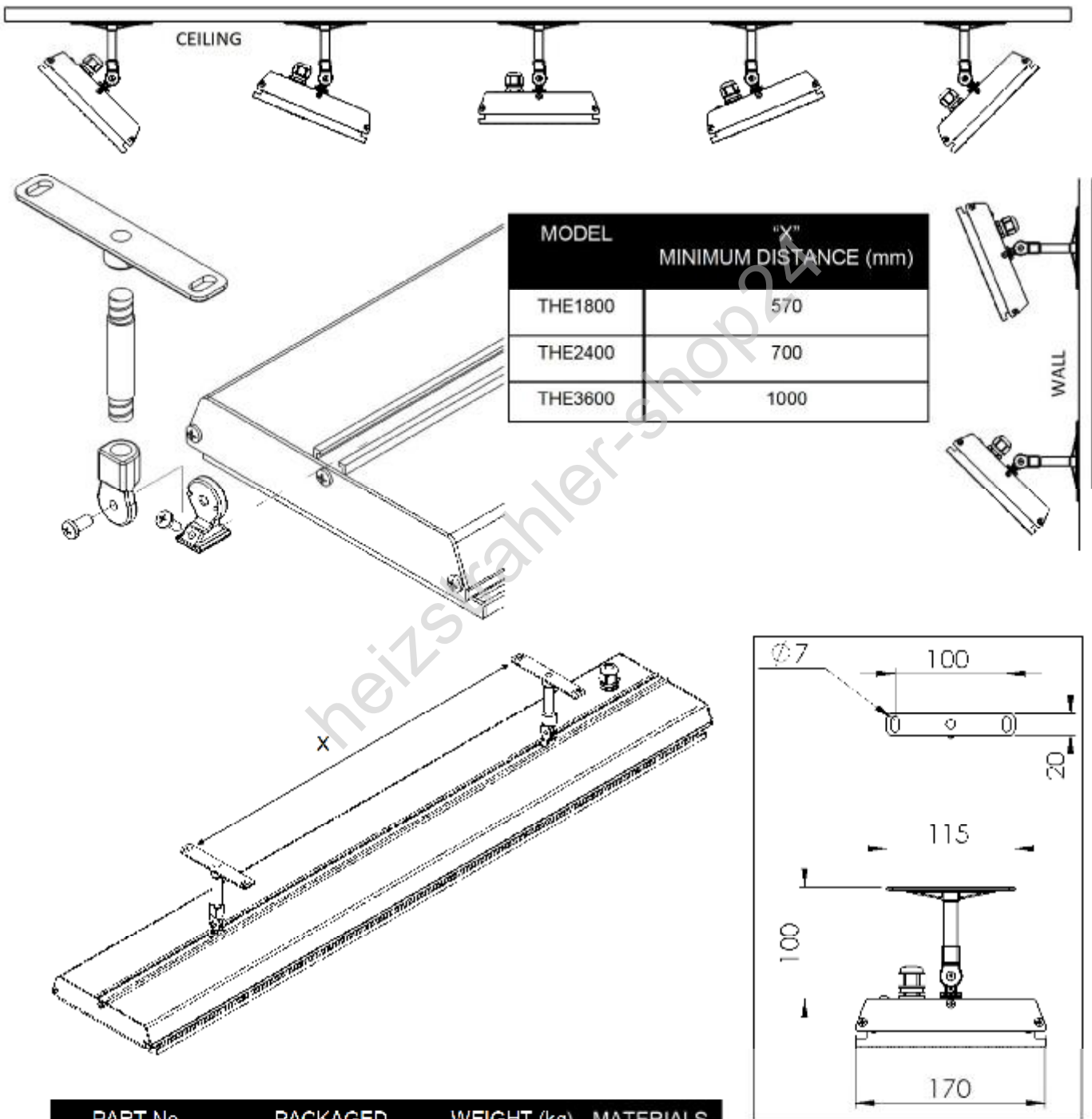
The HEATSTRIP Elegance can be mounted directly to the ceiling, angled downwards on a wall, fitted flush with the ceiling, attached to beams or poles or suspended by rods, wires or chain. Refer to the following pages for more detailed information on each mounting option.





Standard mounting brackets

The HEATSTRIP Elegance comes with a pair of standard mounting brackets. These adjustable brackets allow direct ceiling, wall or pole/beam mounting, and come with preset angle options of parallel, 22.5° and 45°.



PART No	PACKAGED DIMENSIONS (mm)	WEIGHT (kg)	MATERIALS
ZBRAK-110	125 x 150 x 40	0.2	ALLOY



Flush mount enclosure

The Flush Mount Enclosure is an ideal way to neatly install the HEATSTRIP into a ceiling. They are available for all HEATSTRIP Elegance models, and are supplied as a one-piece unit suitable for mounting individual heaters. Flush mounting can be used with plaster or timber lined ceiling materials.

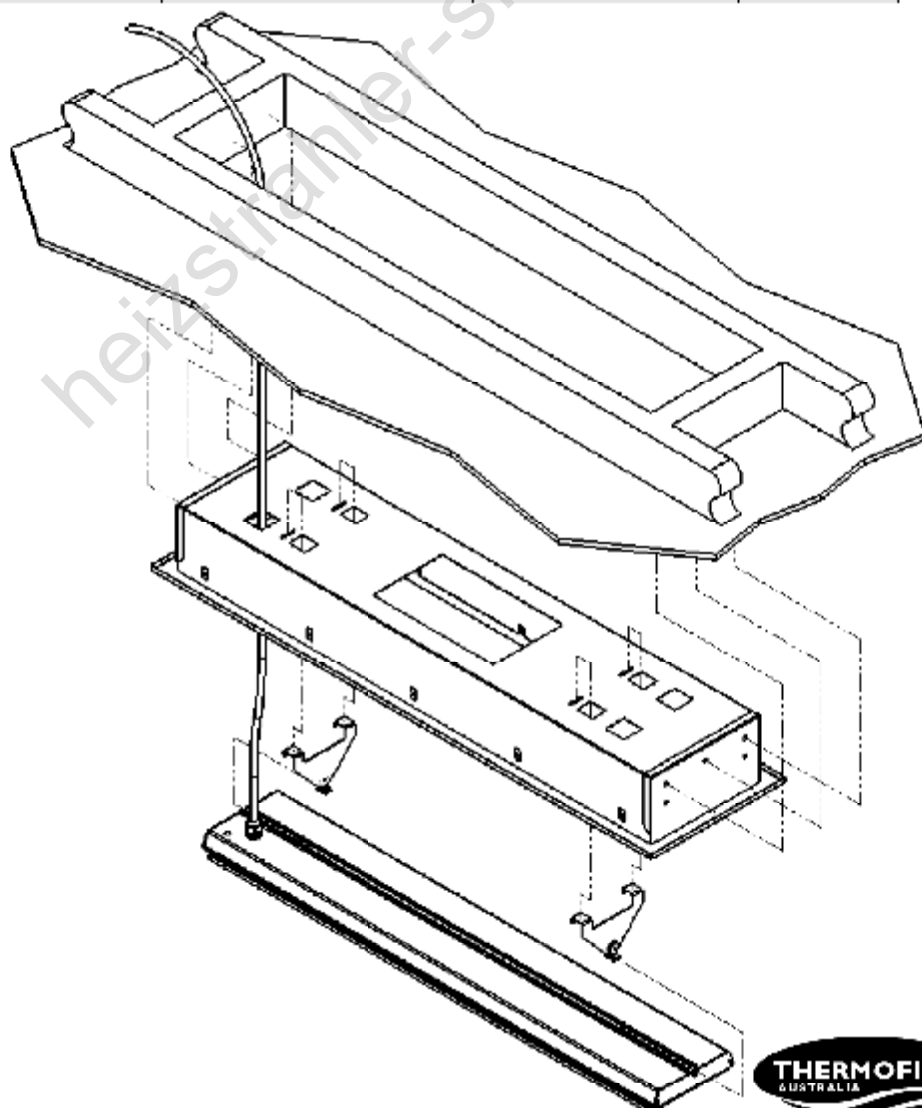
An ideal mounting height is 2.3m-2.5m, with a maximum ceiling height of 2.7m in an outdoor enclosed environment. Maximum mounting heights should be strictly followed, otherwise the performance of the units may be reduced.

A minimum clearance of 50mm behind the enclosure must be provided.

The enclosure is manufactured from powder coated steel.

Please refer to the Flush Mount Enclosure Installation Manual for more detailed installation information.

SUITABLE FOR MODEL	PART No	HOLE CUTOUT DIMENSIONS (mm)	OVERALL DIMENSIONS (mm)	WEIGHT (kg)
THE 1800	THEAC-040	1030 x 240	1080 x 290 x 125	6
THE 2400	THEAC-041	1260 x 240	1310 x 290 x 125	8
THE 3600	THEAC-042	1860 x 240	1910 x 290 x 125	9





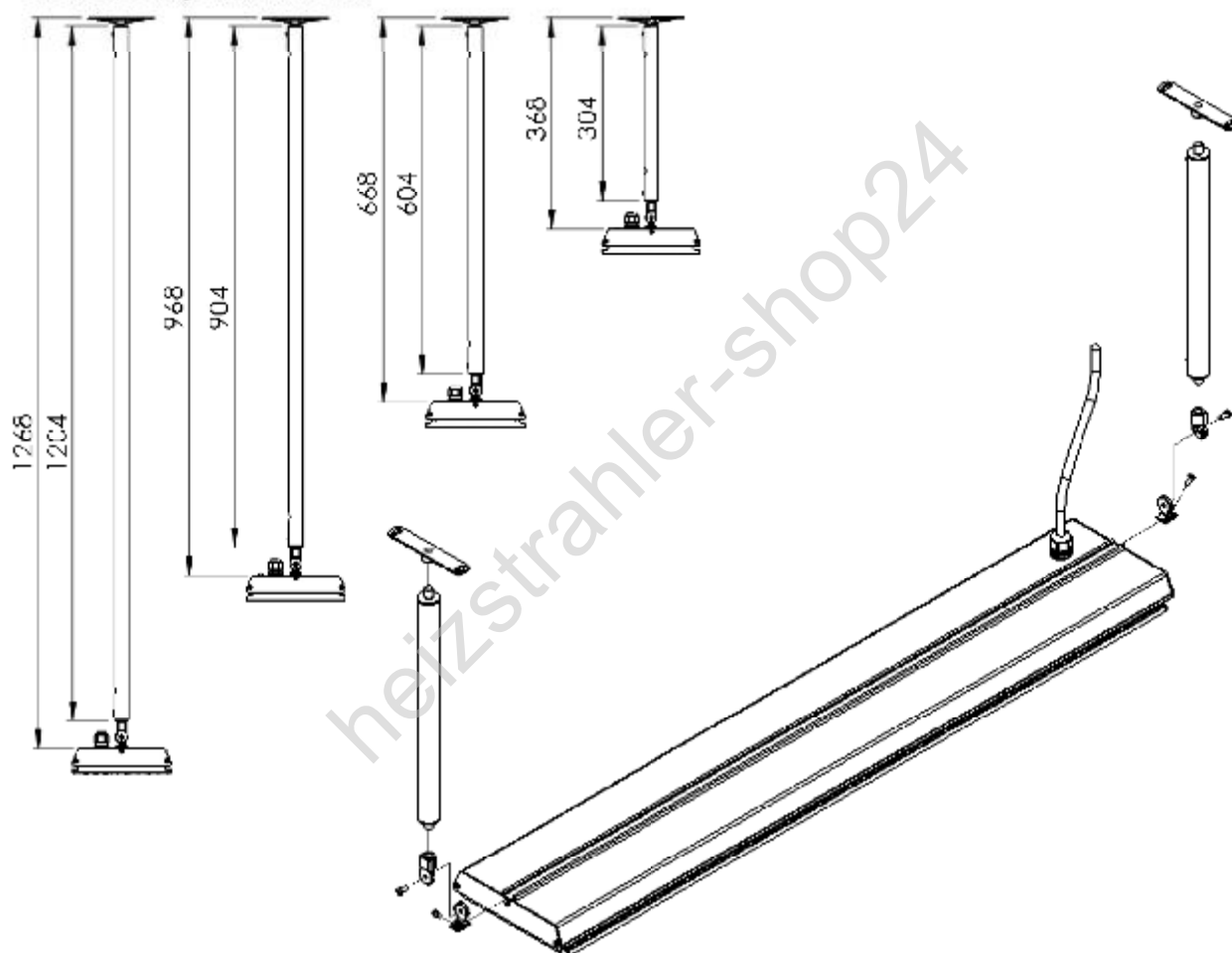
Extension Mount Bracket

The Extension Mount bracket allows HEATSTRIP Elegance units to be lowered from high ceilings using rigid connections. The standard length options as part of the kit are 300mm, 600mm, 900mm and 1200mm.

The kits include all brackets, poles and screws necessary for connection to the heaters, however it does not include screws for attachment to the ceiling.

The extension mount bracket utilises component from the standard bracket kit which is supplied with each heater. For minimum distance requirements between poles please refer to page 14.

*screws to ceiling are not included.



PART No	PACKAGED DIMENSIONS (mm)	WEIGHT (kg)	MATERIALS	NOTES
THEAC-044		0.21	6060 AL	Kit includes 2x300mm extension pole, screws and bracket adaptors
THEAC-044		0.38	6060 AL	Kit includes 2x600mm extension pole, screws and bracket adaptors
THEAC-045		0.55	6060 AL	Kit includes 2x900mm extension pole, screws and bracket adaptors
THFAC-046		0.71	6060 AL	Kit includes 2x1200mm extension pole, screws and bracket adaptors

Chain / Wire Suspension Mount

Heatstrip Elegance can be suspended using chain or wire to lower the installation height from high outdoor or indoor roofs or ceilings.

Thermofilm does not provide any dedicated installation kit for this type of mounting, however the following information may be used to assist in safely installing the Heatstrip Elegance.

Any chain or wire must be suitably rated to withstand the weight of the heater.

The use of chain or wire mounting is NOT recommended for unprotected outdoor installations.

It is recommended to use a component from the standard bracket kit (shown below) which is supplied with each heater to attach any chain or wire to the heater.

For minimum distance requirements between poles please refer to page 14.

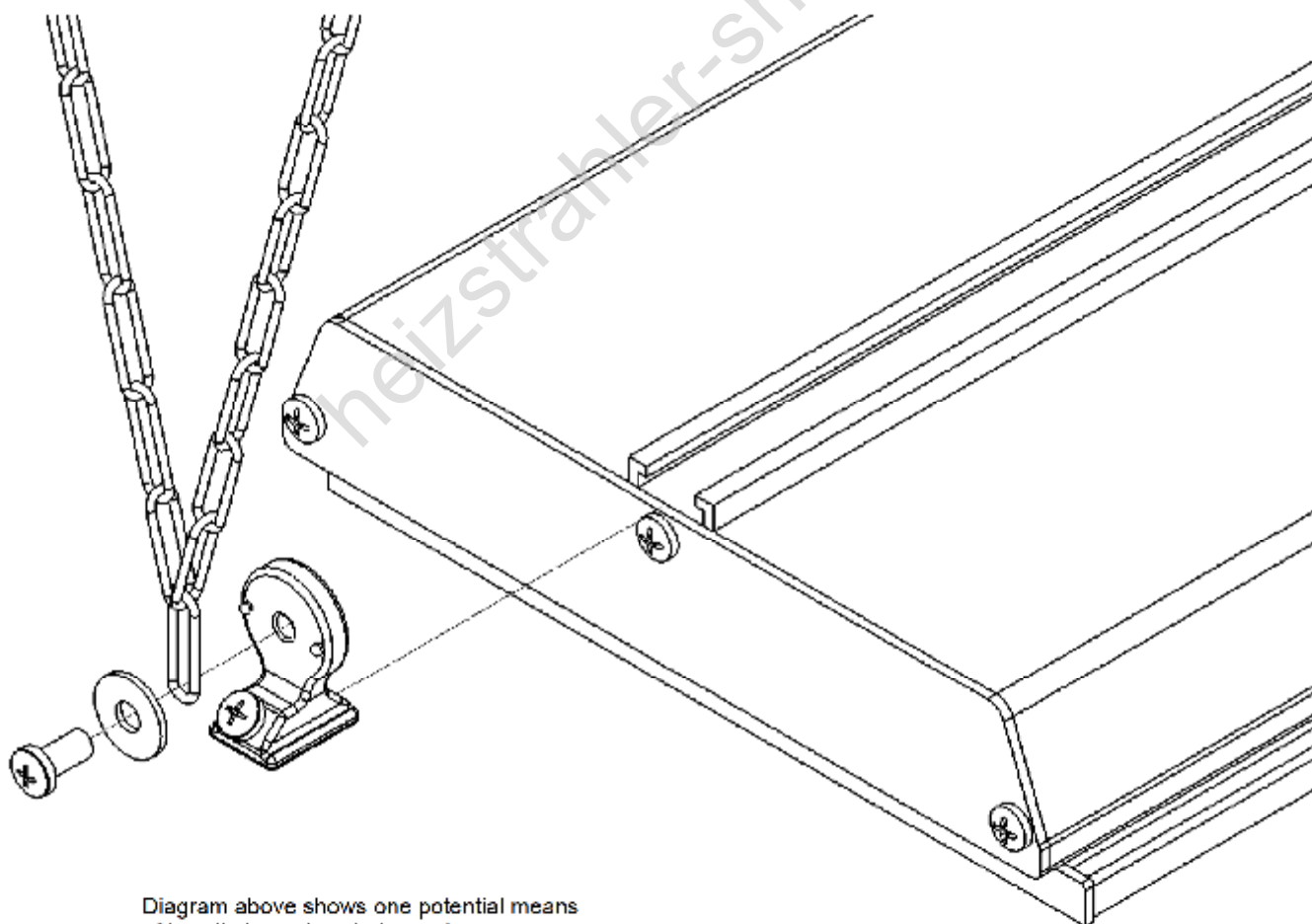


Diagram above shows one potential means of installation using chain or wire