

# Comfortline Overhead Radiant Heating Panels



THE IDEAL SOLUTION FOR HARD TO HEAT AREAS



# We offer a range of energy efficient, economical and sleek looking overhead radiant heating panels.

## Comfortline and Slimline overhead radiant heating panels offer a gentle heat from above.

This modern form of comfort heating has elements that can heat to a range of temperatures allowing flexibility in the amount of gentle warmth that radiates downwards. Radiant heat energy has a similar effect to the heat given off by the sun on a cold winter day.

Comfortline panels create a desirable climate for outdoor patio and entertainment areas. Unlike some high intensity mushroom heaters that can direct intense and concentrated heat in one direction leading to extreme overheating, Comfortline panels radiate a natural and gentle warmth that can be enjoyed for hours on end.

Both Slimline and Comfortline panels have a unique surface treatment that effectively maximises their radiant efficiency.



**APPLICATIONS:** Indoor and outdoor environments including offices, factories, warehouses, workshops, garages, schools, churches, colleges, cafes, restaurants, nursing homes, hostels, community halls, shops, and homes.

## Comfortline Excel Excellence in Overhead Heating

### Upgraded anticorrosive technology, Enhanced design, Improved Quality

The European-made Comfortline Excel is an upgraded model of the Comfortline original series setting an even further refined standard for the quality and workmanship behind these high temperature overhead heating panels. This new series of panels reflects over two decades of manufacturing and design expertise and experience.

#### Features and Benefits:

- ✓ New 5 year warranty!
- ✓ Higher resistance against corrosion than with some past models.
  - The new model has two anticorrosive coatings that are applied to metal sheet parts made from AluZinc. Connecting material is also made from the same material and thus electrochemical reactions and the corrosion of parts is not likely to take place.
- ✓ Upgraded modern design with slanted panel edges

- ✓ Simplified Installation
  - The new model has been lengthened by 50 mm simplifying the connection to the supply conductors. This provides more space for the terminal and makes the connection of the product to the supply conductors much easier. The terminal is also now accessible from two sides after lifting the lid allowing for greater ease of installation.
- ✓ Extension of the non-heating part of the heating rod by 50mm allows it to extend as far as the terminal, thus eliminating the need to pass the conductors from the heating rod into the space containing the terminal.

#### Technical Data for Comfortline Excel Panels - Off-White

Model	Number of Heating Panels	Total Output (W)	Voltage	Dimensions (mm)	Weight (kg)	IP Rating
CIE010	1	900	230/240V	1,550 x 150 x 60	8.1kg	44
CIE020	1	1,200	230/240V	1,550 x 150 x 60	8.1kg	44
CIE030	2	1,800	230/240V	1,550 x 250 x 60	12.9kg	44
CIE040	2	2,400	230/240V	1,550 x 250 x 60	12.9kg	44
CIE050	3	3,000	230/240V	1,550 x 350 x 60	17.7kg	44
CIE060	3	3,600	230/240V	1,550 x 350 x 60	17.7kg	44

**5 year warranty**

#### Technical Data for Comfortline Original Panels - Discontinued - Limited stock available

Model	Number of Heating Panels	Total Output (W)	Voltage	Dimensions (mm)	Weight (kg)	IP Rating
CIA010	1	980	240V	1,500 x 155 x 60	8.5kg	44
CIA020	1	1,200	240V	1,500 x 155 x 60	8.5kg	44
CIA030	2	2,000	240V	1,500 x 256 x 60	13.5kg	44
CIA040	2	2,400	240V	1,500 x 256 x 60	13.5kg	44
CIA050	3	3,300	240V	1,500 x 357 x 60	18.0kg	44
CIA060	3	3,600	240V	1,500 x 357 x 60	18.0kg	44

**2 year warranty**

# PRECISION COMFORT, LOW RUNNING COSTS, ENERGY EFFICIENT, AND EASY TO INSTALL

**Comfortline panels emit up to 10% more usable heat than similar panels on the market thanks to their unique surface treatment. They are packed with rock wool insulation to minimise upward heat loss.**

The radiant surface is designed in sections of naturally anodised aluminium, set in a galvanised steel case for strength. The panels are plastic powder-coated in white, giving them a sleek and attractive modern appeal. Other colours are available by special order.

**PRECISION COMFORT AND ECONOMY:** Comfortline panels are offered with one, two or three panels. The higher output models with multiple elements can run independent of each other giving greater control over the radiant heat output.

**IMPRESSIVE LOW RUNNING COSTS.** A single high capacity Comfortline panel costs about 60c/hour # to run. A typical mushroom heater on bottled gas will cost five times that — up to \$3.00/hour^.

**INSTALLATION & MOUNTING:** Installation is easy in new or existing buildings. You can mount the panel directly overhead (brackets supplied), or suspend them. Comfortline is perfect for overhead spaces as low as 2.4m, right up to 8m.

**WARRANTY:** 5 years - Comfortline Excel  
2 years - Comfortline Original

# Assumes Comfortline Excel 24 with electricity at 25c/kWhr  
^ Assumes \$25 refill for 9kg LPG bottle

## SLIMLINE PANELS – THE NATURAL CHOICE FOR INDOOR ENVIRONMENTS

**When you need heat for an indoor location and want to keep your floor space free, Slimline panels are an excellent heating solution that will ensure energy savings of more than 15% when compared to standard electrical convection heating.**

**MOUNTING:** Slimline panels fit neatly with new or existing suspended ceilings. They can be surface mounted directly overhead with the brackets supplied or fitted into a T-bar ceiling.



### Principle of infrared heating

Radiant heating panels transfer heat mainly through radiant energy, whereas in convection heating the air is warmed by a convector which then transfers heat as it flows over the objects that are to be heated (walls, furniture). Upon encountering objects (walls, furniture, floors), radiant energy is partially reflected (approx. 15%), the majority (approx. 85%) is absorbed by the objects. This radiant energy is converted to heating energy as it raises the temperature of the objects, which then transfer heat to the cooler air by convection. Thanks to the unique silicating technology, these panels can reach extremely high emissivity levels.



### SLIMLINE PANELS

- 350W
- 750W

Technical Data for Slimline Panels							
Model	Length (mm)	Width (mm)	Height (mm)	Output (W)	Voltage (V)	IP Rating	Weight (kg)
CL350	592	592	35	350	240	44	5.8
CL750	1,192	592	35	750	240	44	11.1
CL750IN*	1,192	592	35	750	240	65	11.5

**2 year warranty**

(\*Recommended for wet areas)

Safe, comfortable and energy efficient.  
Can be thermostatically controlled to maintain a comfortable temperature all year round.

"So far the heaters have been great! The panels have been very reliable. With some time having passed since the project's conception, they still look great and are working well."

Leyton Smith  
Innersphere (Interior Design Studio)  
Central Coast Leagues Club

"When building a new extension to our cake and coffee shop in Oakleigh, the need for an unobtrusive and efficient heat source was required to create a comfortable environment for our customers in the alfresco areas. We installed a number of overhead panels and we are very happy with the end result. Our customers tell us they are amazed at how comfortable they are when they visit us. The running costs are great and we are constantly recommending Comfortlines to builders and trades people when they visit our premises."

Nick Poupouzas  
Oakleigh Quality Cakes Pty Ltd

"In a school environment, the Slimline panels are the superior choice. The heating panels are camouflaged within an acoustic overhead arrangement maintaining a clean look."

Daniel Smith  
Architectural Director, Thomson Adsett



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