

striking
energy

2023 Product Range

Our new heater ranges at a glance

G5

range

G5 Glow

Heat delivered in style
The first heater in South Africa with Schott Nextrema Glass.

G5 Ruby

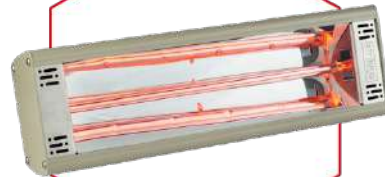
The economical choice heater
An economical short wave element.

G5 Carbon

Heat in a slim format
A gentle and subdued heating element made from Carbon fiber.

G5 Gold

Powerful heat when you need it
Intense heat output, our gold standard in heaters.



G5 Sunkare

Style and technology in one

One of our flagship heaters with ceramic glass and build in Bluetooth and Remote dimmer.



Ambiente Floor heater

Comfort Heat where you need it

Same heat output as the Gold model, but with a more economical short wave element.



Infrared is a type of **light** that is invisible to us. We can't see it but we can **feel it as heat**. It sends lots of energy, quickly without needing something in between.



The Benefits of Infrared:

- Experience **immediate warmth** with zero waiting time.
- Its is a clean, combustion-free heating experience that's **safe** and completely **odourless**.
- **Unaffected** by **wind or drafts**, it's the perfect solution for both outdoor spaces and large indoor areas.
- With its targeted and **focused heat** distribution, infrared prioritizes the warming of **people and items** rather than the surrounding air. No energy is thus wasted.



Introducing **OUR NEW 5th generation infrared heater** range, the G5. The Perfect solution for those seeking an energy-efficient and stylish heating solution with minimal light emission.

With four distinctive models available, in either Black or PebbleGrey, our range caters to a variety of spaces, from designer homes to high-ceiling factories.



Our design philosophy behind the new G5

Comfort and a touch of style

Our customers don't buy heaters. They need warmth and comfort and we feel that a touch of style will add a luxurious feel to your indoor and outdoor living space.

Efficiency

Although a stylish is important for most of our clients, the functionality of our heaters is paramount to our design. This is especially appealing to homeowners who are environmentally conscious and want to reduce their energy consumption.

Safety

Our Infrared heaters are designed with safety in mind. They emit no harmful emissions or fumes, and they are equipped with safety features that prevent overheating and accidents.

Durability

The G5 are manufactured locally with meticulous attention to detail, utilizing only the finest quality components and materials. They are fully serviceable and parts, including elements always available. We proudly stand behind our products with a straightforward 5-year warranty on the body, demonstrating our commitment to providing exceptional durability and reliability.

Versatility

We need to cater for different client requirements in terms of fixed vs moveable, height, type of heat and controlling the heaters. Versatility. We need to cater for different client requirements in terms of fixed vs moveable, height, type of heat and controlling the heaters.



G5 Glow

Elegant heat



G5 Glow

Elegant heat



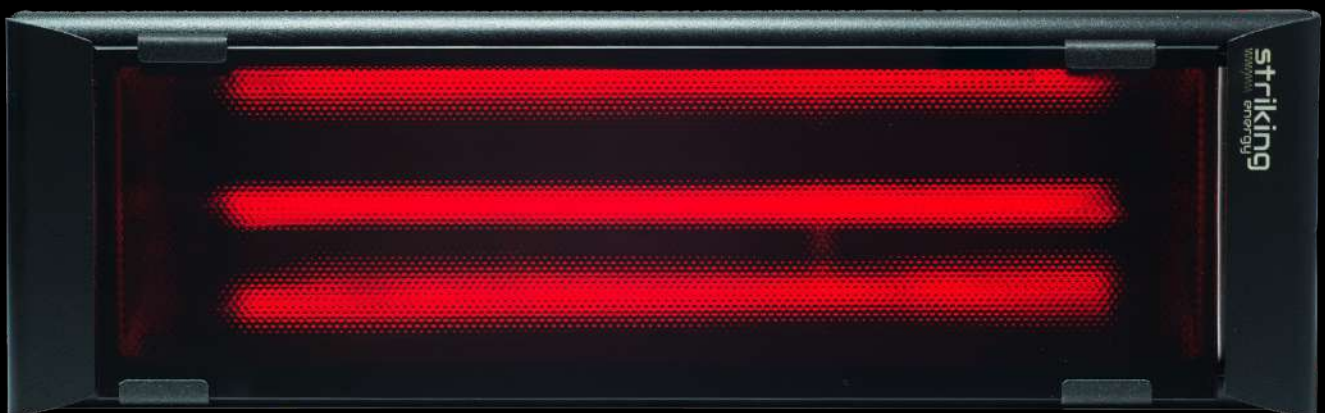
Introducing the new G5 Glow heater range, designed to bring **functionality** and **modern style** together. With sleek lines, smooth curves and a premium finish, this heater range is the perfect addition to any modern space.

The G5 Glow 2000 boasts a commanding 2kw medium wave element, screened with the finest **Ceramic glass** from Schott Nextrema™ in Germany. This glass, beyond contributing to the heater's **sophisticated aesthetic**, additionally serves as a secondary heat source.

The lower wattage G5 Glow 900, sharing the same style and design, but in a more energy saving package. Ideally used in smaller spaces .

G5 Glow

Elegant heat



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The lower wattage G5 Glow 900, sharing the same style and design, but in a more energy saving package. Ideally used in smaller spaces .

G5 Glow

Models

FerroBlack



G5 Glow 900



G5 Glow 2000

PebbleGrey



G5 Glow 900



G5 Glow 2000

Specifications



G5 Glow features

- ❖ Schott Nextrema™ tinted ceramic-glass for a smooth stylish appearance.
- ❖ Medium Wave element resulting in deeper heat penetration
- ❖ Miro reflector resulting in 96% of electricity converted to heat
- ❖ Powder coated Aluminium and Stainless steel
- ❖ 5 Year warranty on body
- ❖ Fully Serviceable with replaceable element
- ❖ Available in Ferrograin Black and PebbleGrey with dark tinted or opaque white ceramic glass
- ❖ Wall and Ceiling mount, inside or outside based on your requirements
- ❖ Optional HexaGrid dimmers and brackets available

Available colours



FerroBlack



Pebble Grey

Wattage options

- ❖ 900w
- ❖ 2000w

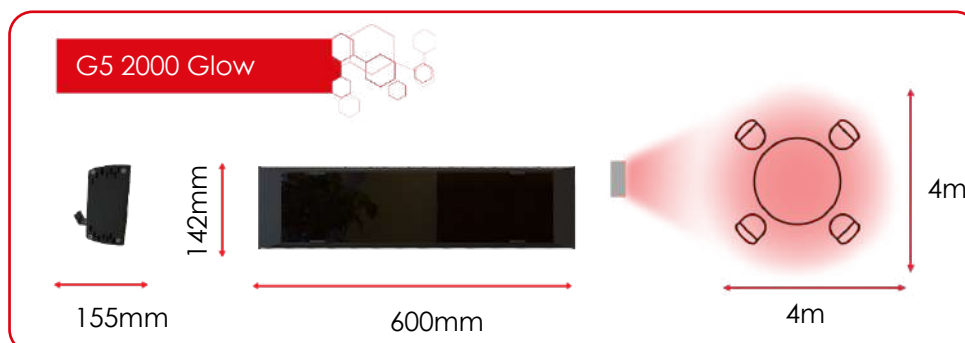
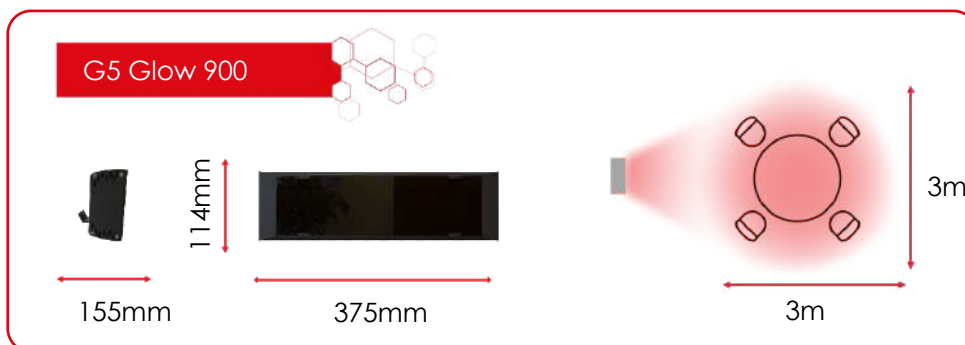
Technical Specs	G5 Glow 2000	G5 Glow 900
Power & Element @ 230v	2000 Watt Gold+	900 watt Carbon
Current Required	8.7 Amp	3.9 Amp
Operating Voltage	220-240 V AC ~, 50/60 Hz	
Front Cover	SCHOTT® NEXTREMA® glass	

Applications	G5 Glow 2000	G5 Glow 900
Inside	xxx	xxx
Covered Outside	xx	-
Installation Above 2.4 meter	x	-
Typical Coverage Area	4mx4m	3mx3m

Dimensions

Coverage

Accessories





G5 Gold

Powerful heat when you need it





G5 Gold

Powerful heat when you need it

When it comes to generating intense heat output, nothing comes close to the unparalleled superiority of our gold standard in heaters. This has remained our foremost heater for numerous years, particularly when implemented in exterior settings or in spaces requiring an additional boost of warmth.

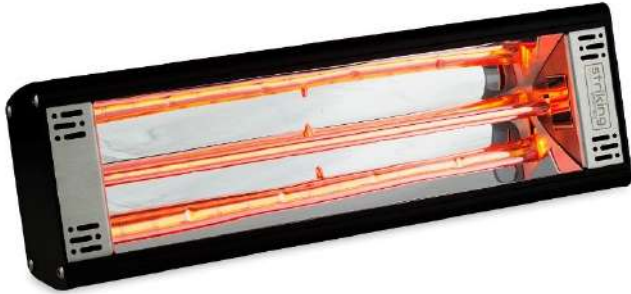
Our most recent iteration of Gold elements (formerly known as UltraLowGlare) has been deliberately engineered to achieve a delicate equilibrium between optimizing heat production and mitigating glare. Ideally for outside areas and restaurants where the highest heat output is required.



G5 Gold

Models

FerroBlack



G5 Gold 1500 / 2000



G5 Twin Gold 3000

PebbleGrey



G5 Gold 1500 / 2000



G5 Twin Gold 3000

Specifications



G5 Gold features

- ❖ Powerful short wave gold element with lowest glare
- ❖ Miro reflector resulting in 96% of electricity converted to heat
- ❖ Powder coated Aluminium and Stainless Steel components
- ❖ 5 Year warranty on body
- ❖ Fully Serviceable with replaceable element
- ❖ Available in Ferrograin Black and Pebble Grey and 3 wattage options
- ❖ Optional HexaGrid dimmers and Wall and Ceiling mount brackets available

Available colours



FerroBlack



Pebble Grey

Wattage options

- ❖ 1500w
- ❖ 2000w
- ❖ 3000w

Technical Specs	G5 Gold 1500	G5 Gold 2000	G5 Gold 3000
Power & Element @ 230v	1500 Watt Gold	2000 watt Gold	3000 watt Gold
Current Required	6.5 Amp	8.7 Amp	13 Amp
Operating Voltage	220-240 V AC ~, 50/60 Hz		
Front Cover	Optional HexaGrid on 1500 and 3000		

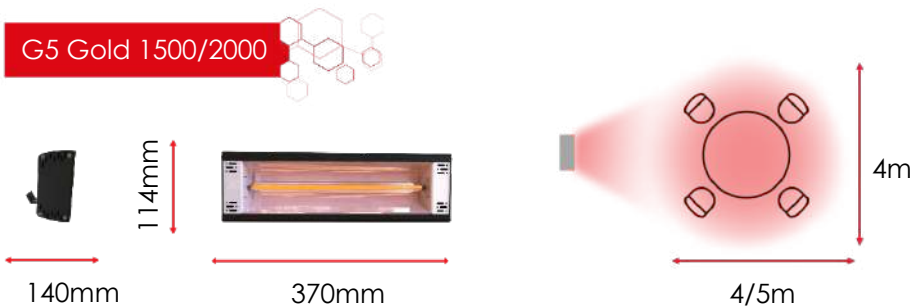
Applications	G5 Gold 1500	G5 Gold 2000	G5 Gold 3000
Inside	xx-	x	x
Covered Outside	xx	x	x
Installation Above 2.4 meter	-	xx	xx
Typical Coverage Area	4mx4m	4mx5m	5mx5m

Dimensions

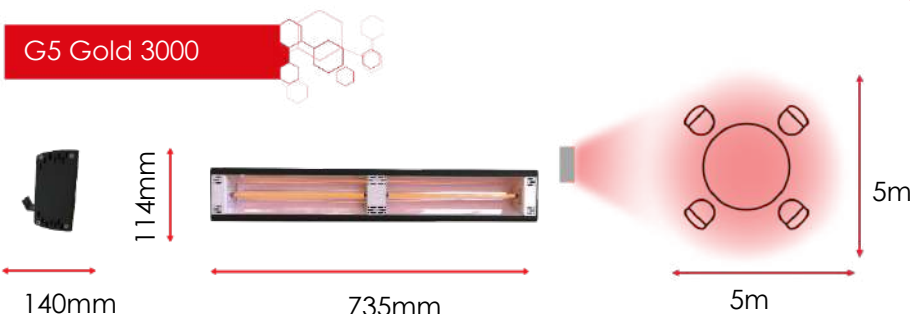
Coverage

Accessories

G5 Gold 1500/2000



G5 Gold 3000



Universal Bracket



"On-the-Go" Bracket

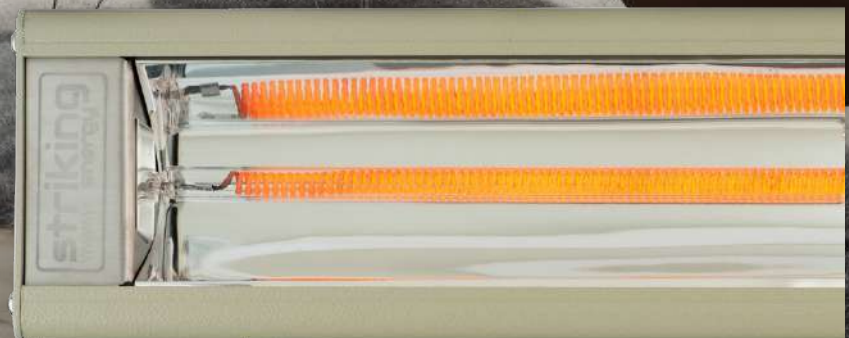


Ceiling Bracket



G5 Carbon

Gentle heat in a slim format



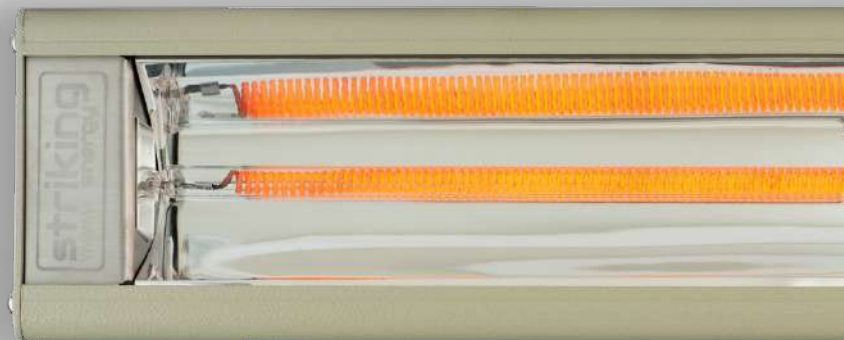


G5 Carbon

Gentle heat in a slim format

The carbon model utilise a gentle and subdued heating element made from Carbon fiber. It offers much lower glare in comparison with our shortwave (Gold and Rubyred models). While lower in wattage - it offers a surprising amount of heat.

Perfect for the smaller space and even Inverter friendly.



G5 Carbon

Models

FerroBlack



G5 Glow 900



G5 Carbon 1800

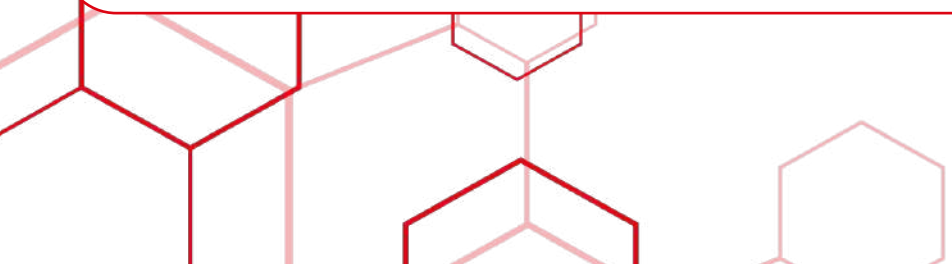
PebbleGrey



G5 Carbon 900



G5 Carbon 1800



Specifications



G5 Carbon features

- ❖ Lowest profile of all G5 models
- ❖ Ultra Low glare medium wave Carbon element
- ❖ Miro reflector resulting in 96% of electricity converted to heat
- ❖ Powder coated Aluminium and Stainless Steel components
- ❖ 5 Year warranty on body
- ❖ Inverter friendly - due to the wattage heat output ratio these heaters can be used on any 3kw plus Inverter
- ❖ Fully Serviceable using replaceable element
- ❖ Available in Ferrograin Black and Pebble Grey and 2 wattage options with optional HexaGrid
- ❖ Wall and Ceiling mount with brackets available

Available colours



FerroBlack



Pebble Grey

Wattage options

- ❖ 500w
- ❖ 900w
- ❖ 1800w

Technical Specs	G5 Carbon 500	G5 Carbon 900	G5 Carbon 1800
Power & Element @ 230v	500 Watt	900 watt	1800 watt
Current Required	2.17 Amp	3.9 Amp	7.82 Amp
Operating Voltage	220-240 V AC ~, 50/60 Hz		
Front Cover	Optional HexaGrid on all models		

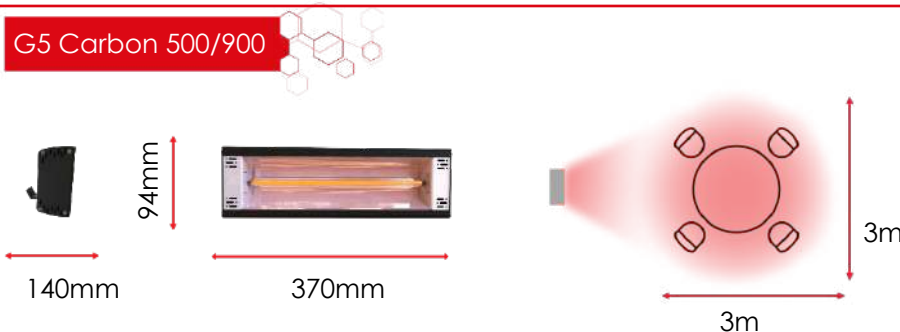
Applications	G5 Carbon 500	G5 Carbon 900	G5 Carbon 1800
Inside	-	-	xxx
Covered Outside	-	-	x
Installation Above 2.4 meter	-	-	-
Typical Coverage Area	3mx3m	3mx3m	4mx4m

Dimensions

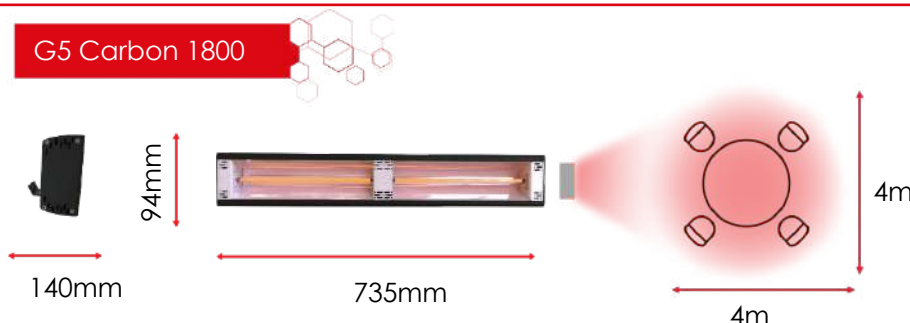
Coverage

Accessories

G5 Carbon 500/900



G5 Carbon 1800



Universal Bracket



"On-the-Go" Bracket



Ceiling Bracket



G5 Ruby

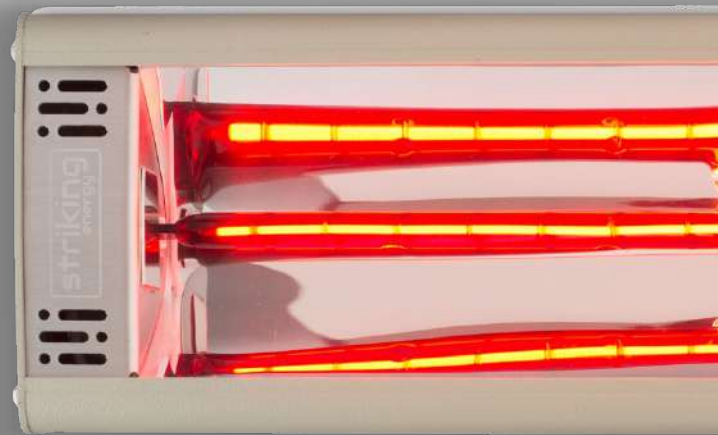
The economical choice heater



G5 Ruby Red

The economical choice heater

Same heat output as the Gold model, but with a more economical short wave element. We have designed this heater specifically for installations where the red colour is washed out by enough ambient light. Ideally for use in factories, change rooms at mines, and general industrial use. (paint curing, product drying)



G5 Ruby

Models

FerroBlack



G5 Ruby 1500/2000



G5 Ruby 3000

PebbleGrey



G5 Ruby 1500/2000



G5 Ruby 3000

Specifications



G5 Ruby features

- ❖ Powerful short wave technology
- ❖ Economical option when used in well lid environment
- ❖ Miro reflector (96% electricity converted to heat)
- ❖ Powder coated 6063 /1050 Aluminium
- ❖ All Stainless steel fasteners
- ❖ 5 Year warranty on body

Available colours



FerroBlack



Pebble Grey

Wattage options

- ❖ 1500w
- ❖ 2000w
- ❖ 3000w

Technical Specs	G5 Ruby 1500	G5 Ruby 2000	G5 Ruby 3000
Power & Element @ 230v	1500 Watt	2000 watt	3000 watt
Current Required	6.5 Amp	8.5 Amp	13 Amp
Operating Voltage	220-240 V AC ~, 50/60 Hz		

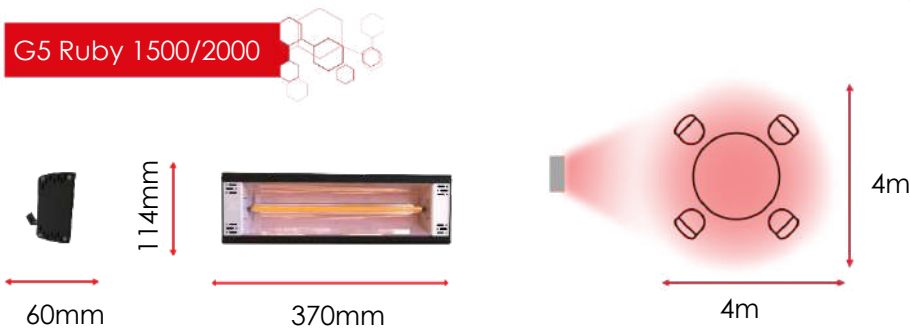
Applications	G5 Ruby 1500	G5 Ruby 2000	G5 Ruby 3000
Inside	xx	x	x
Covered Outside	xx	x	x
Installation Above 2.4 meter	-	-	-
Typical Coverage Area	4mx4m	4mx5m	5mx5m

Dimensions

Coverage

Accessories

G5 Ruby 1500/2000



60mm

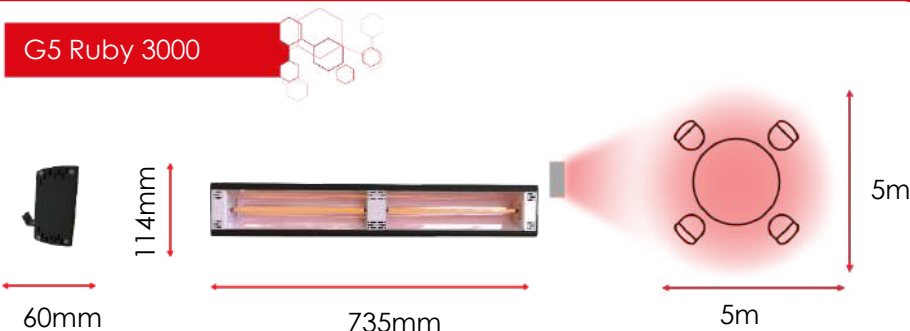
114mm

370mm

4m

4m

G5 Ruby 3000



60mm

114mm

735mm

5m

5m



Ceiling Bracket

Ambiente

Comfort Heat where you need it



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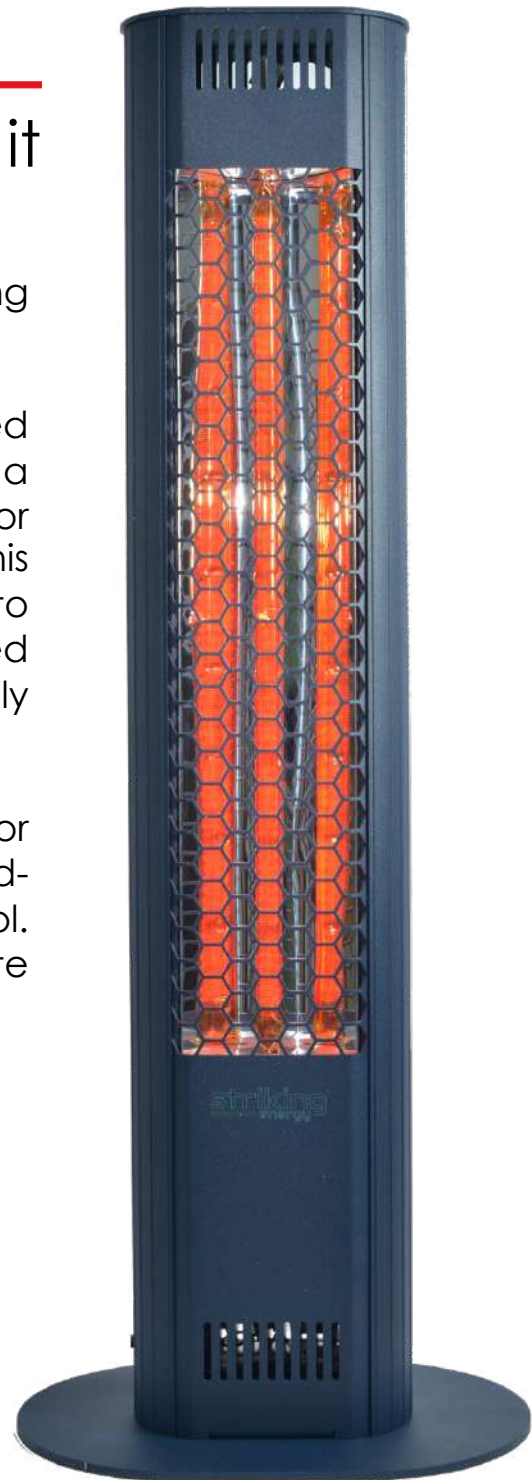
Ambiente

Comfort Heat where you need it

Introducing our newest addition to our home heating solutions – the Ambiente Floor Infrared Heater.

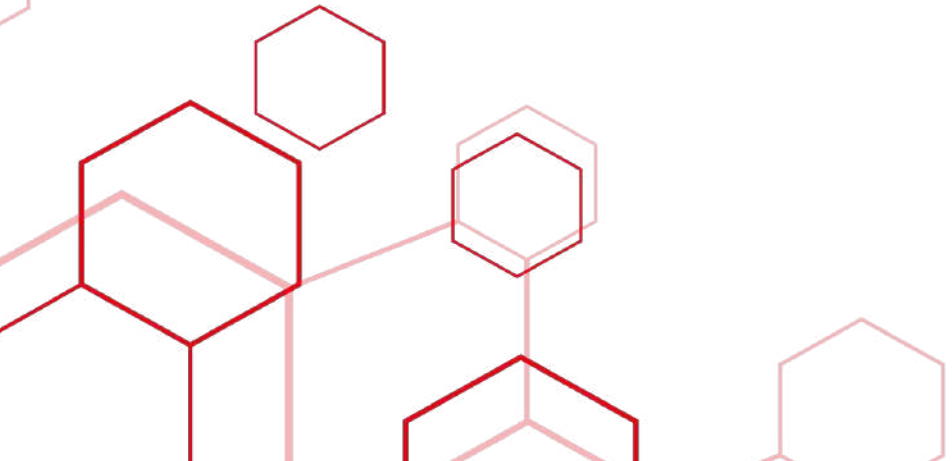
This modern and stylish heater has been designed with both form and function in mind, offering a powerful and energy-efficient heating solution for your home. With a sleek and slimline design, this heater is easy to move around and fits seamlessly into any living space. Equipped with a range of advanced safety features, you can be assured that your family and home are always protected.

The powerful 2kw Gold+ element and Miro reflector provide rapid and efficient heating, while the solid-state dimmer allows for precise temperature control. Stay warm and cozy all winter long with the Ambiente Infrared Heater.



Ambiente IR floor heater

Models



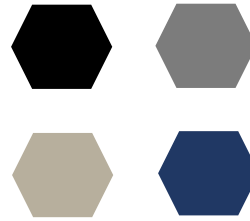
Specifications



Ambiente features

- ❖ 2kw Gold + element
- ❖ Solid State dimming for the perfect heat.
- ❖ Medium wave heat.
- ❖ Safety tip and overheat switch.
- ❖ Miro reflector (96% electricity converted to heat).
- ❖ Powder coated 6063 /1050 Aluminium.
- ❖ All Stainless steel fasteners.

Available colours



Wattage options

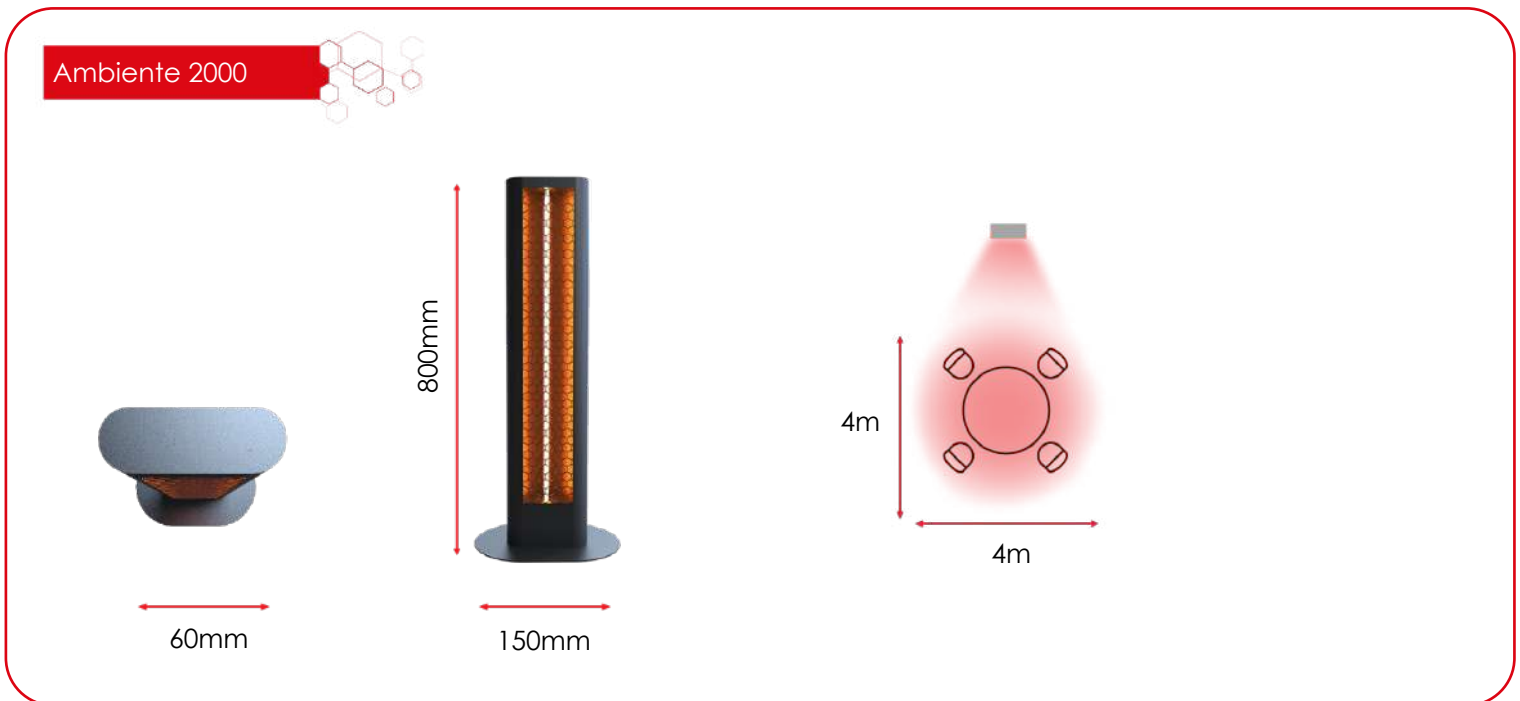
- ❖ 2000w

Technical Specs	Ambiente Floor
Power & Element @ 230v	2000 Watt
Current Required	8.7 Amp
Operating Voltage	220-240 V AC ~, 50/60 Hz
Front Cover	Hexagrid

Applications	G5 Am bi ente 2000
Inside	xxx
Covered Outside	-
Installation Above 2.4 meter	-
Typical Coverage Area	4mx4m

Dimensions

Coverage





Sunkare

Style and technology in one



Sunkare

Style and technology in one



Introducing one of our flagship model - a beautiful designed heater with integrated controls and an impressive IP65 rating. This heater has been meticulously crafted to provide the perfect blend of comfort and energy efficiency. With three dimming levels, you can easily adjust the heat output to your desired level, while also ensuring that you're not using more energy than necessary.

One of the standout features of this 2000 watt model is its impressive waterproofing, which makes it an ideal choice for both indoor and outdoor use. Whether you're looking to heat a covered patio, a gazebo, or even a bathroom, this heater is more than up to the task. And thanks to its included remote control, you can easily adjust the temperature from the comfort of your chair.

But that's not all - this heater also boasts advanced smart features that allow you to control it via your smartphone. Whether you're at home or away, you can use your phone to adjust the temperature, turn the heater on or off, or set a schedule for when you want the heater to come on. With this level of control at your fingertips, you'll never have to worry about wasting energy or coming home to a cold house again.

With its impressive array of features and capabilities, it's sure to provide you with years of reliable, hassle-free performance, no matter where you use it.



Sunkare

Models



Specifications



Sunkare features

- ❖ Ceramic Glass for a stylish and smooth finish.
- ❖ Medium wave heat.
- ❖ Build in Bluetooth Dimmer.
- ❖ Remote controlled and with smartphone app.
- ❖ Wall and Ceiling mount.
- ❖ Miro reflector (96% electricity converted to heat).
- ❖ Powder coated 6063 /1050 Aluminium.
- ❖ All Stainless steel fasteners.

Available colours



Black



White

Wattage options

- ❖ 2000w

Technical Specs	Sunkare BT
Power & Element @ 230v	2000 Watt
Current Required	8.7 Amp
Operating Voltage	220-240 V AC ~, 50/60 Hz
Front Cover	Ceramic Glass

Applications	Sunkare BT 2000watt
Inside	xxx
Covered Outside	xxx
Installation Above 2.4 meter	xx
Typical Coverage Area	4mx4m

Dimensions

Coverage

Sunkare 2000



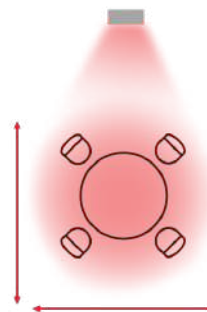
80mm

150mm



800mm

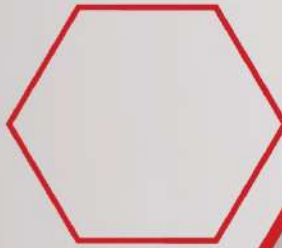
4m



4m



Mining



Yoga Studio



Farming



Agriculture



Industrial use



Manufacturing



Homes



Restaurants



Offices



Understanding the use of Infrared

The size of the heater is not equal to it's heat output

Infrared heat is light. The actual wattage of the element as well as the effective reflection of the heat determine the heat you feel. A small source with a bright LED is much brighter than a large old torch.

The reflector is a critical component

The heat generated by the element must be reflected onto objects. Our Miro™ reflectors has a tested reflectibility of 96%. That means nearly all heat generated leave the heater body as reflective heat.

The height of the heater determine the size area

Our reflectors determine the heated area. The higher you install the heater the larger, but cooler the heated area.

You warm people not the room

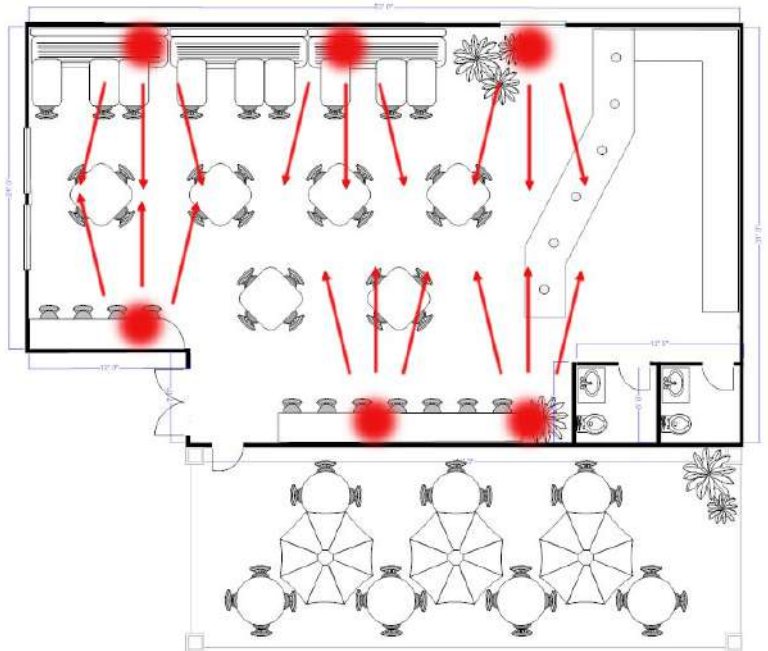
You do not want to heat up "the room". We don't care if "the room" is getting cold. We worry more if you, your family and guests are getting cold. You use Infrared heat the same as you use a light. Switch on when you there - switch off when not. The heat is instant. That's how you save energy.

Infrared has a dark side...

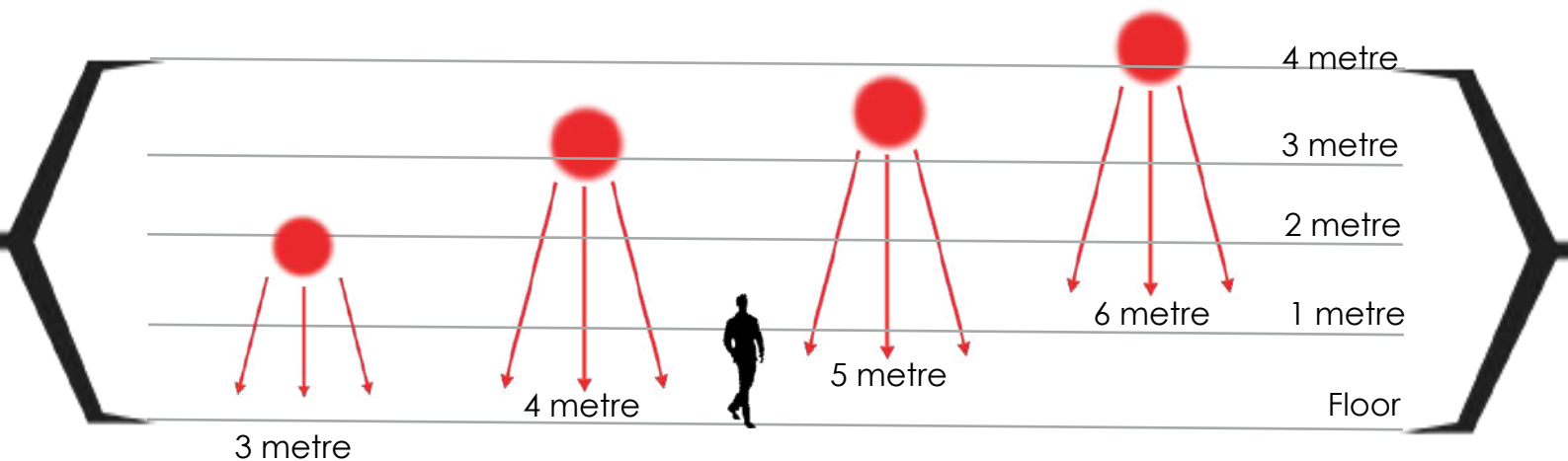
As with any light, there is a "shadow side". If you look at the heater your back is not getting heat. In some situations e.g. patio you want to either have the heat from above (that is why the 12 o clock sun feels warmer) OR from both sides.

Location: Always keep the area that you are living in, as well as the positioning of the installation (e.g. south) in mind. You will have to compensate for this when choosing the optimal place and angle of installation.

You can either install more heaters by moving them closer together, or use the double element heaters.



The height of the heater in relation to heating area.



Wattage required per Square Meter

As a rule of thumb work on the following general formula to calculate the number of heaters required

1. Calculate Heated area

(Length - 1 meter) x (Width minus 1 meter)

People typically not utilising the first meter against a wall and you save 20% of energy excluding this "dead spot"

2. Decide on Ideal Heat profile (Watt per sq meter)

Yoga Studios - 250 watt , Comfortable - 100-150

Watt , Just breaking the cold - 60 Watt

3. Heaters Required per room

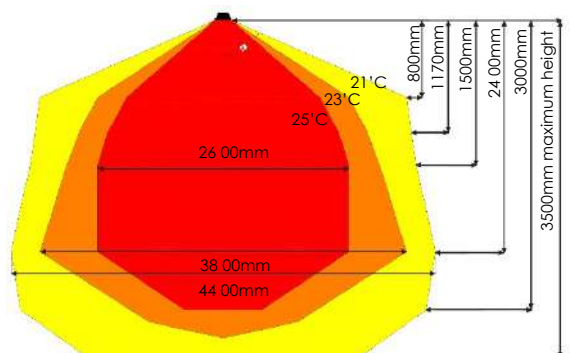
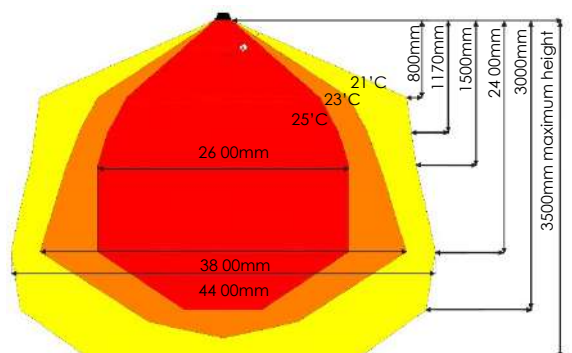
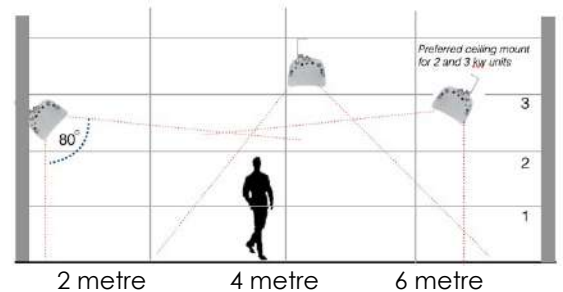
- Multiply Answer in 1 with answer in 2

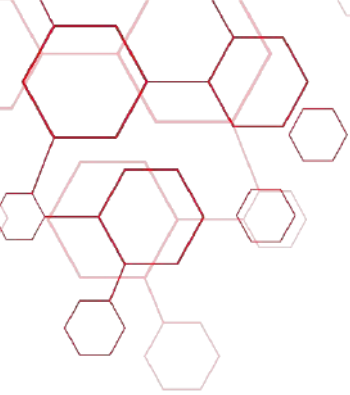
- Divide by the selected heater wattage (900, 1500, 2000 or 3000 watt)

Sample:

80 sqm x 120 =

Wall or Ceiling Mount position





About Us

Striking Energy has been providing distinctive heating solutions to the South African market **since 2009**.

Being an owner-run business enables us to prioritize certain fundamental values that benefit our customers in a manner that large corporations cannot. We pride ourselves on exceptional and **prompt customer service**, an extensive understanding of infrared heat, and a passion for tackling challenges.



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29C Pinotage Street
Saxenburg Industrial Park
Cape Town

- We understand our customers' requirements
- We manufacture quality, long-lasting products.
- We do this in an effective, honest, and open way, using only the best components to create durable and serviceable Infrared Heaters that last.
- We build most of our products locally to ensure that we can honor our warranty.
- We avoid cheap imports that are harmful to both the planet and our customers' wallets.

