



MANUFACTURED IN THE UK  
...INSTALLED WORLDWIDE



MADE IN BRITAIN

## WHY USE TANSUN?

### WORLDWIDE DISTRIBUTION

- Tansun distribute their products to a network of over 50 countries worldwide
- Long serving representation in five main continents.

### OVER 30 YEARS' EXPERIENCE

- Tansun have been established since 1982 and pioneered the concept of infrared electric outdoor heating working in collaboration with Phillips
- Tansun are at the forefront of technology and have been for over 30 years working with some of the top lighting manufacturers in the world.

### RESEARCH & DEVELOPMENT

- As technology and markets change Tansun is always at the forefront of product development and sourcing in order to exceed new international standards and trends.
- We have a dedicated R&D team who are always developing concepts, staying at the forefront of industry.

### MADE IN BRITAIN

- All of Tansun's products are designed and manufactured in our Head Quarters in the UK.
- Designed and made in Britain using premium components in the manufacturing process.

### INSTALLATION & MAINTENANCE

- Our heaters are virtually maintenance free and easy to install
- Exceptional reliability
- Easy to change lamps.

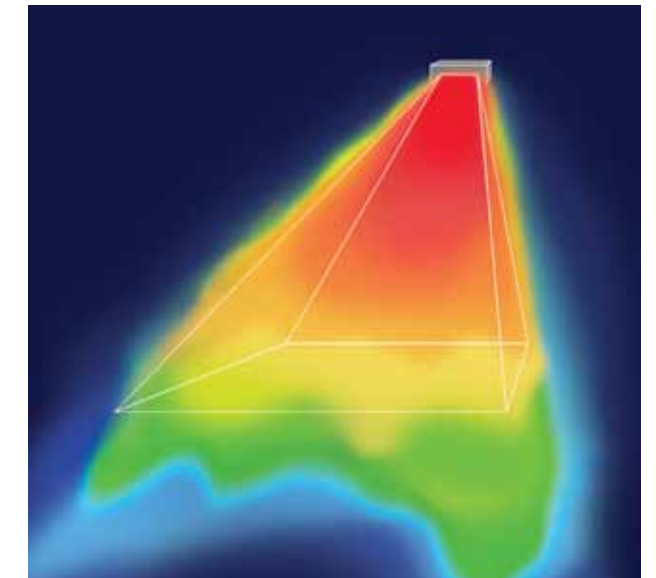
### TEAM OF EXPERTS

- Our experienced team of heating experts have knowledge in all types of heating applications. From small domestic areas to large factory settings.



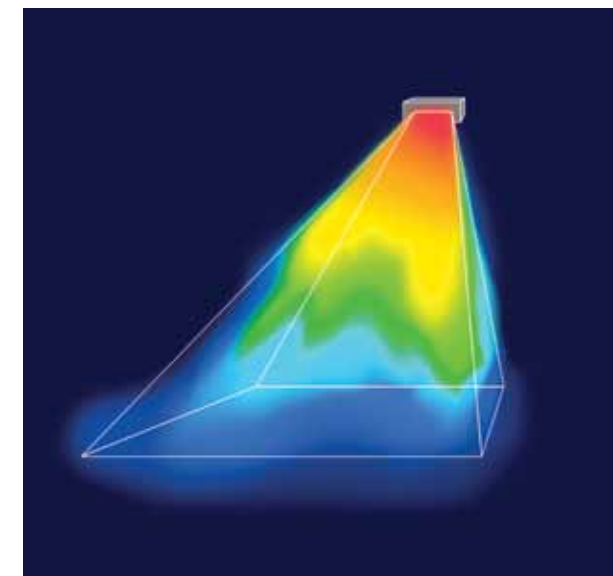
Below are heat coverage diagrams for Tansun heaters compared with standard quartz heaters and gas heaters. No other form of heating will give the same performance and coverage of a Tansun full shortwave heater.

TANSUN QUARTZ FULL SHORTWAVE INFRARED HEATER



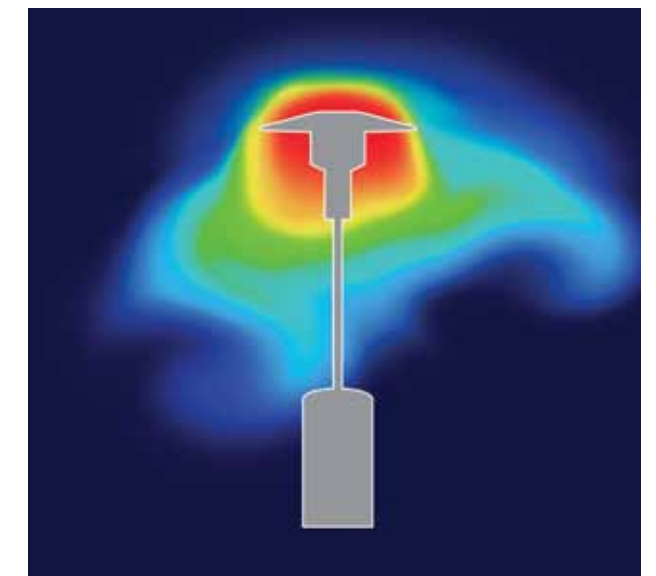
- 96% of energy consumed is direct heat radiation
- Heat is directed to the person/object below, and next to no heat is lost to the air

STANDARD QUARTZ HEATER



- 60% of energy consumption is directed heat radiation
- Heat is not projected outwards in the same way as a Tansun full shortwave heater and does not warm objects and people below.

GAS 'MUSHROOM' HEATER



- 40% of the energy consumed is direct heat radiation
- Heat dissipates not far from the heater and blows around with the air.





## TOTAL HEATING SOLUTION FOR OUTDOOR COMMERCIAL AREAS

The Tansun Sorrento is a robust infrared weatherproof heater. The design of this product keeps it running cool and can withstand many hours of use as well as incorporating a wide beam reflector which heats large areas. This product is suitable for indoor or outdoor use in a range of applications including hard to heat buildings or draughty areas.



Standard Colours



### SUITABLE FOR INDOOR OR OUTDOOR USE

Recommended minimum mounting height: 2.0m- 2.5m

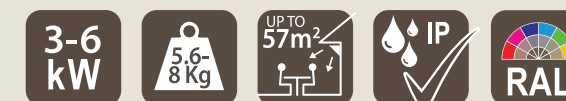
Dimensions (W x H x D): 402 x 227 x 112mm (Dimensions exclude brackets).

**IDEAL FOR:** Sports Halls, Smoking Areas, Conservatories, Churches, Farming, Horticulture, Reception Areas, Retail Outlets, Zoos, Garages, Workshops, Factories, Warehouses, Patios, Terraces and many more.

Larger versions of the popular Sorrento single. Ideally for heating larger areas both indoors and outdoors. Powerful performance enables these heaters to be used for large spaces giving an effective solution for both bars, restaurants and upmarket environments.



Standard Colours



### SUITABLE FOR INDOOR OR OUTDOOR USE

Recommended minimum mounting height: 3.0m- 4.5m

Dimensions (W x H x D): 790 x 227 x 112 - 1178 x 227 x 112mm (Dimensions exclude brackets).

**IDEAL FOR:** Sports Halls, Smoking Areas, Conservatories, Churches, Farming, Horticulture, Reception Areas, Retail Outlets, Zoos, Garages, Workshops, Factories, Warehouses, Patios, Terraces and many more.



# TANSUN RIO IP

The Tansun Rio IP is a fully weatherproof slim line and lightweight heater and comes with a superior parabolic reflector, and a high quality long life lamp. Built with a top quality aluminium body, the Rio IP is suitable for outdoor use all year round. The Rio IP is available in white, silver or black and comes with a louvered safety guard. It is also compatible with Tansun's range of energy saving controllers for enhanced energy efficiency.



Standard Colours



## SUITABLE FOR INDOOR OR OUTDOOR USE

Recommended minimum mounting height: 2.0m

Dimensions (W x H x D): 391 x 99 x 83mm (Dimensions exclude brackets).

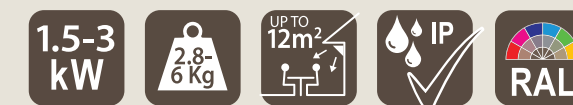
**IDEAL FOR:** Conservatories, Summerhouses, Patios, Terraces, Bathrooms, Swimming Pools, Spas, Reception Areas, Smoking Areas, Bars, Restaurants, Workshops, Garages, Golf Areas and many more.

# TANSUN RIO GRANDE

The Rio Grande is a stylish infrared heater ideal for indoor and outdoor heating solutions which fits effortlessly into many surroundings. The Rio Grande is fully weatherproof and used in all seasons. It comes as standard with a safety guard fitted and wall mounted brackets. The Rio Grande is compatible with Tansun's range of energy saving controllers for enhanced energy efficiency.



Standard Colours



## SUITABLE FOR INDOOR OR OUTDOOR USE

Recommended minimum mounting height: 2.0m - 2.5m

Dimensions (W x H x D): 560 x 110 x 89 – 1265 x 110 x 89mm

**IDEAL FOR:** Bars, Restaurants, Conservatories, Patios, Terraces, Reception Halls, Smoking Areas, Swimming Pools, Spas, Summerhouses, Bowling Alleys, Sport Stadiums, Warehouses, Dance Halls and many more.



# TANSUN BAHAMA

## ULTRA LOW GLARE HEATERS

The Tansun Bahama infrared heater is a stylish, top of the range addition to the Tansun Ambient Series range. The ultra-low glare heater is designed to fit discreetly into many environments, adding elegance to its surroundings. The Bahama can be used in a multitude of commercial and domestic infrared heating applications. The Bahamas' flexibility, means it can also be used with a range of bracketry, specifically designed by Tansun to allow the unproblematic fitting, onto awnings and parasols.



1.5-3 kW

2.8-6 Kg

UP TO 22m<sup>2</sup>

IP

RAL

GOLD REFLECTOR

Standard Colours

### SUITABLE FOR INDOOR OR OUTDOOR USE

Recommended minimum mounting height: 2.0m – 2.5m  
 Dimensions (W x H x D): 560 x 110 x 89 – 1265 x 110 x 89mm

**IDEAL FOR:** VIP Areas, Restaurants, Hotels, Casinos, Awnings and many more.

# TANSUN MONACO

## ULTRA LOW GLARE HEATERS

The Tansun Monaco is a super-powered, ultra-low glare infrared heater that is capable of heating robust commercial, and domestic areas. The Monaco comes as standard with Tansun's unique glare reducing gold reflectors, Tansun energy-efficient ultra-low glare lamps, and mounting brackets. The versatility offered by the Monaco's make it a preferred choice in environments where you require more heat, but less light.



1.5-4.5 kW

3.4-8 Kg

UP TO 28m<sup>2</sup>

IP

RAL

GOLD REFLECTOR

Standard Colours

### SUITABLE FOR INDOOR OR OUTDOOR USE

Recommended minimum mounting height: 2.0m – 3.5m  
 Dimensions (W x H x D): 402 x 227 x 112 – 1178 x 227 x 112mm

**IDEAL FOR:** VIP Areas, Restaurants, Hotels, Casinos, Awnings and many more.



# TANSUN RIVIERA ELITE

The Riviera Elite sets the benchmark in design with its minimal but elegant aesthetics combined with its solid and robust aluminium engineered construction. It incorporates 3 heaters which offer up to 6kW of 360 degree heat. The Riviera freestanding heaters are a flexible alternative to wall mounted models and offer much greater versatility in terms of where you require heat, especially in commercial restaurant settings.



3-6 kW

38 Kg

UP TO 35m<sup>2</sup>

IP

RAL

Standard Colours

Dimensions (W x H x D) 1015 x 2426 x 881mm

**IDEAL FOR:** Bars and Restaurants, Pub Patio Areas, Theme Parks, Hotels, Private Gardens, Smoking Areas, Swimming Pools & Spas, Train Stations, Open Spaces, and many more.

# TANSUN SORRENTO CERAMIC

A member of the Sorrento family with zero light ceramic elements fitted, which gives off no visible light. This range of ceramic heaters is especially useful in environments where additional light is not welcome. The Sorrento Ceramic is fitted with a 1.3kW emitter, perfect for small offices, class rooms including hard to heat areas where light can not be used.



1.3-3.9 kW

3.7-8.3 Kg

UP TO 140kW/m<sup>2</sup>

RAL

Standard Colours

Recommended minimum mounting height: 2.1m – 3.5m  
Dimensions (W x H x D): 402 x 227 x 112 – 1178 x 227 x 112mm (Dimensions exclude brackets).

**IDEAL FOR:** Conservatories, Cinemas, Photographic Studios, Greenhouses, Restaurants and Bars, Offices and Schools, Casinos, Food Processing Areas, Hospitals and many more.



# TANSUN ECLIPSE

The Tansun Eclipse is a range of no glare infrared heaters. They are constructed from powder coated black profile, and engineered to perfection allowing its modern sleek design to fit effortlessly into upscale environments. The very latest in design and engineering, the Eclipse incorporates the most advanced heating technology, which gives the heater 35% more energy efficiency than others of its kind.

It has been designed primarily for areas where no glare is desirable, whilst still benefiting from its superior heating performance. The Eclipse is compatible with a range of Tansun's energy saving controllers to further enhance its desirability and energy efficiency.



USING THE MOST  
ADVANCED CERAMIC  
HEATING ELEMENTS  
ON THE MARKET WITH  
INTEGRATED REFLECTORS  
THUS GIVING 35%  
EXTRA HEAT OUTPUT

- KEY BENEFITS:
- Zero Glare
  - Stylish Design
  - Zero Maintenance
  - 35% more heat than standard ceramic elements



Standard Colours



**BEST SUITED TO:** Enclosed/Semi-Enclosed Environments

Recommended minimum mounting height: 2.0m  
Dimensions (W x H x D): 940 x 111 x 89 (DOUBLE) – 1660 x 111 x 89 (QUAD)

**IDEAL FOR:** Patios and Terraces, Offices, Conservatories, Studios, Hotel Environments, Restaurants and Bars, Casinos and Theatres.

# TANSUN MONACO XL

The Tansun Monaco XL is the world's most powerful full short wave infrared heater. The Monaco XL is the latest from the Tansun ultra low glare Ambient Series and features the new diamond faceted gold reflector technology which provides not only ultimate heat projection but reduces unwanted glare which is obtrusive in certain environments.

When high powered low glare heat is required the Monaco XL is the answer, higher mounting options are achievable due to the high performance of the premium 2.4kW lamp configurations.

The Monaco XL Series is the perfect heater for larger spaces or areas where mounting multiple longer heaters is an issue. The range includes single double and triple configurations of up to 7.2kW. This superior range boasts an IP55 rating so rainproof and suitable for all year round use.

Tansun Quartz Eco controls are available to dim heaters down via remote or Bluetooth devices. Energy saving 4 step receivers can also be added for total variable heat controllability.



- KEY BENEFITS
- Specially designed faceted gold reflector for efficiency and power
  - Suitable for side wall mounting or overhead
  - Ultra low glare with unique Tansun Reflector Technology
  - 50% longer length lamp for optimum heat output
  - XL gold reflector for efficiency and coverage
  - Dedicated heatsinks to protect lamp life and durability.
  - 2.4kW high powered FULL shortwave elements
  - Single Double and Triple heater configurations available
  - Safety Guards



Standard Colours



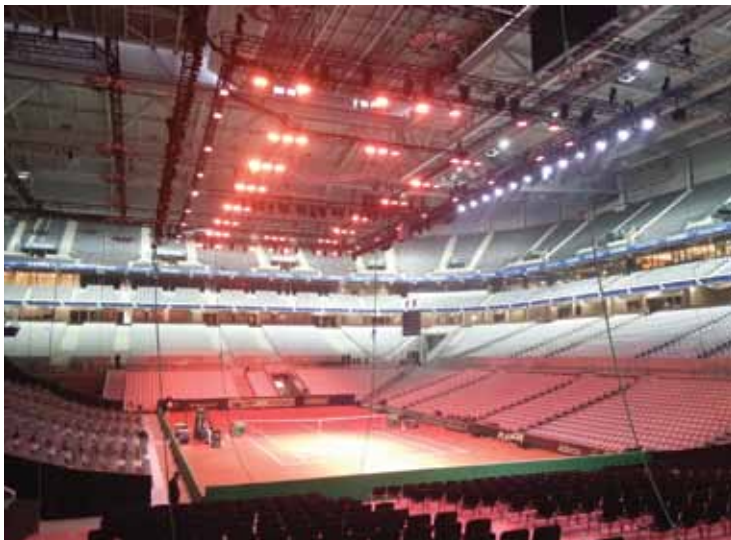
**SUITABLE FOR INDOOR OR OUTDOOR USE**

Recommended minimum mounting height: 2.0m – 3.5m  
Dimensions (W x H x D): 578 x 227 x 112 (SINGLE) – 1700 x 227 x 112mm (TRIPLE)

**IDEAL FOR:** VIP Areas, Large Hotel Terraces, Retractable Awnings, Restaurants and Bars, VIP Smoking areas, Louvered Roof Structures.



The Apollo range of heaters are manufactured from extruded aluminium, offering a choice of power options ranging from 1kW-18kW. The robust heater is lightweight, and designed with integral heatsinks to dissipate excessive unwanted heat away from the heater body to prolong lamp life. The smooth parabolic reflector directs the heat outwards, and creates an effective and instant heat source.



1-18 kW

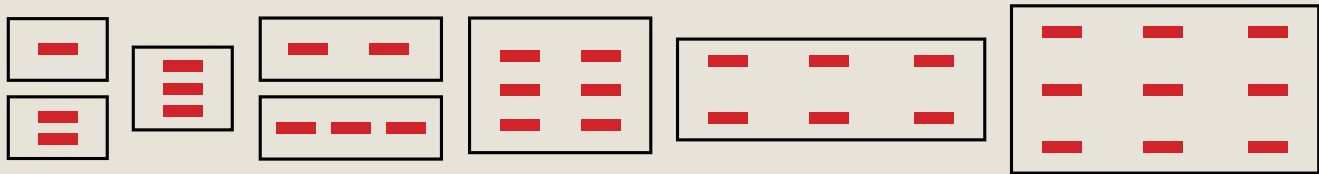
3-20Kg

UP TO 79m<sup>2</sup>

RAL

Standard Colours

HEATER CONFIGURATIONS:



FREE HEATING DESIGN SERVICE AVAILABLE  
PERFECT FOR HEATING LARGE SPACES OR HARD TO HEAT AREAS

Recommended minimum mounting height: 2-6m\*  
Dimensions (W x H x D): 422 x 255 x 110 - 1282 x 630 x 110mm

IDEAL FOR: Aircraft Hangars, Amusement Parks, Building and Construction, Factories, Farming and Horticulture, Garages and Workshops, Golf Driving Ranges, Halls, Places of Worship, Process Heating, Reception Areas, Schools, Colleges and Universities, Shops, Sports Halls, Swimming Pools and Spas, Zoos and many more.



# TANSUN SPOTTER

The Tansun Spotter is a robust mobile heater that provides an ideal answer for spot or emergency heating. The heater is 3.0kW and fitted with 2 x 1.5kW elements that can be switched individually. The unit is fitted with an anti-tilt safety device which prevents misuse and abuse when on site. The lightweight aluminium construction is fitted with robust casters that offers maximum portability in commercial areas.



Standard Colours



Dimensions (W x H x D) 1080 x 705 x 550mm (with stand)

**IDEAL FOR:** Boatyards - Osmosis Treatment and Antifoul Drying, Bodyshops, Building and Construction, Emergency Heating, Factories, Garages and Workshops, Helps De-humidification, Paint and Plaster Drying and many more.

# TANSUN BEAVER

This light, yet robust heater offers flexibility when emergency or 'spot' heating is required. It's durable powder coated body prevent paint chips when used in commercial/industrial environments, fitted with an anti-tilt safety device to prevent misuse or accidents when on site. The heater is 3.0kW and fitted with 2 x 1.5kW elements that can be switched on individually.



Standard Colours



Dimensions (W x H x D) 430 x 641 x 504mm (with stand)

**IDEAL FOR:** Boatyards - Osmosis Treatment and Antifoul Drying, Bodyshops, Building and Construction, Emergency Heating, Factories, Garages and Workshops, Helps De-humidification, Paint and Plaster Drying and many more.



# TANSUN APOLLO RECESS

The Tansun Recess Apollo range of heaters are designed to fit into commercial recessed areas to create a warm discreet heating solution indoors or outside. The heaters can be strategically placed to 'spot areas', targeting the heat only where required. The Recess Apollo can be fitted with dual ultra-low glare elements which are perfect when installed into commercial office and public area environments.



Standard Colours



## FREE HEATING DESIGN SERVICE AVAILABLE

Recommended minimum mounting height: 2.5m

Dimensions (W x H x D): 569 x 348 x 305 – 1456 x 348 x 305mm

**IDEAL FOR:** Receptions Areas, Factories and Warehouses, Hospitals, Laboratories, Patios and Terraces, Shopping Centres, Hotels.

# TANSUN BRACKETS

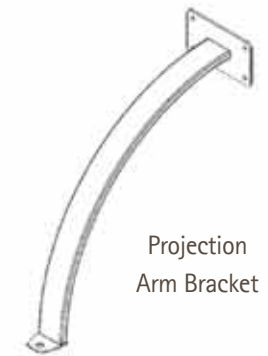
Tansun manufacture a range of brackets suitable to fit Tansun heaters under a variety of structures for example: Parasols, Canopies etc to give flexibility on installation. Tansun have produced bespoke brackets to many awning / parasol companies which allow heaters to be fitted to poles, masts, awning cassettes discreetly. For more information on this service or our current bracket range please contact our support team.



Single Cross Member Bracket



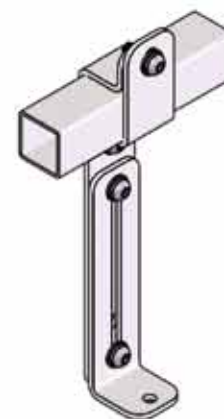
Double Cross Member Bracket



Projection Arm Bracket



Drop Down Arm Bracket



Awning Bracket



Extruded Ring Bracket



# TANSUN ENERGY SAVING CONTROLLERS

Tansun offer a selection of heater controls that are designed to suit almost any situation and need. Where energy and cost savings matter, we don't believe in heating an empty space or having more heat than is required. When combined with a PIR (presence detector) and/or remote control, our range of infrared heaters can easily be adjusted in heat output and consumption, ensuring maximum user comfort and energy savings. With Tansun zoning and control you can optimise your energy efficiency, slim down your heating bills and boast a truly eco-friendly heating system.

## TANSUN IP TIME LAG SWITCH

The Tansun Time Lag Switch is ideal for energy saving and gaining control of exterior heaters. They are fully IP66 rated and will turn on the heater for a pre-determined period of time from 2-20 minutes.

Dimensions (W x H x D) Time Lag Switch  
120 x 90 x 60mm

**PERFECT SOLUTION FOR  
SMOKING AREAS / SHELTERS**



Illuminated touch area

## TANSUN REMOTE

The Tansun 6 Channel remote will allow six individual heaters/zones to be variable controlled. The remote can be configured to the receivers at the touch of a button, which makes it the most user friendly controller system on the market.



## 2.0KW RECEIVER

The Tansun wireless wall fixing 2kW Receiver with dimmer function will control a resistive load of up to 2000W max. Tansun heaters can be dimmed down between four pre-set levels (100% - 75% - 50% - OFF). Remote handset is required with receiver and one remote can control 1-1000 heaters in unison.

Dimensions (W x H x D) 2.0kW Receiver  
143 x 140 x 55mm



## 6.5KW RECEIVER

The Tansun wireless wall fixing 6.5kW Receiver with dimmer function will control a resistive load of up to 6500W. Tansun infrared heaters can be dimmed down between four stages (100% - 75% - 50% - OFF). This receiver is suited to providing flexibility when controlling higher wattage heaters in commercial environments and can control up to 1000 heaters.

Dimensions (W x H x D) 6.5kW Receiver  
195 x 200 x 75mm





# BENEFITS OF TANSUN

## TANSUN CUSTOM COLOUR / BRANDING OPTIONS

When you're creating a new look for your café, bar or restaurant choosing the correct heater model and colour can be difficult.

Tansun understand the importance of choosing the perfect colour to enhance each individual space. Our bespoke colour service will allow heaters to be powder-coated to any RAL colour subject to availability.

Please discuss your bespoke colour options with one of our technical staff members who will be happy to answer any of your questions.



You can have the confidence in knowing that Tansun heaters have been tested to the highest levels, and have full certification.

Below are some of the certifications that Tansun have attained:



## MAIN BENEFITS INCLUDE:

- Heater colours to match awnings and parasol profiles.
- Colour match with indoor/outdoor venue schemes
- Enhance corporate branding

## FULL SHORTWAVE HEATING TECHNOLOGY™

Tansun's unique Full shortwave heating technology™ provides instant high frequency infra-red heat, which is focused exactly where required. With our exclusive high intensity smooth parabolic reflectors fitted as standard and the use of premium lamp technology, Tansun heaters are the most efficient way to heat people indoors or outside.

## FREE HEATING DESIGN SERVICE

The amount of heat required for comfortable conditions depends upon the building type and use, activity, rate of air movement, design, temperature and area to be heated.

With over 40 different heater models to choose from Tansun can provide a heating solution to any building large or small. Additional comfort and energy saving can also be obtained by installing Tansun controllers at the time of installation. For further advice on planning, heating applications, budget heating solutions please contact one of our trained technical staff.

## GOLD REFLECTOR TECHNOLOGY

Tansun offer a unique Gold Reflector option. Gold represents the best reflectance in the IR spectrum, and is also heat resistant to temperatures of approx 350 C.

## MAIN BENEFITS OF GOLD REFLECTOR TECHNOLOGY

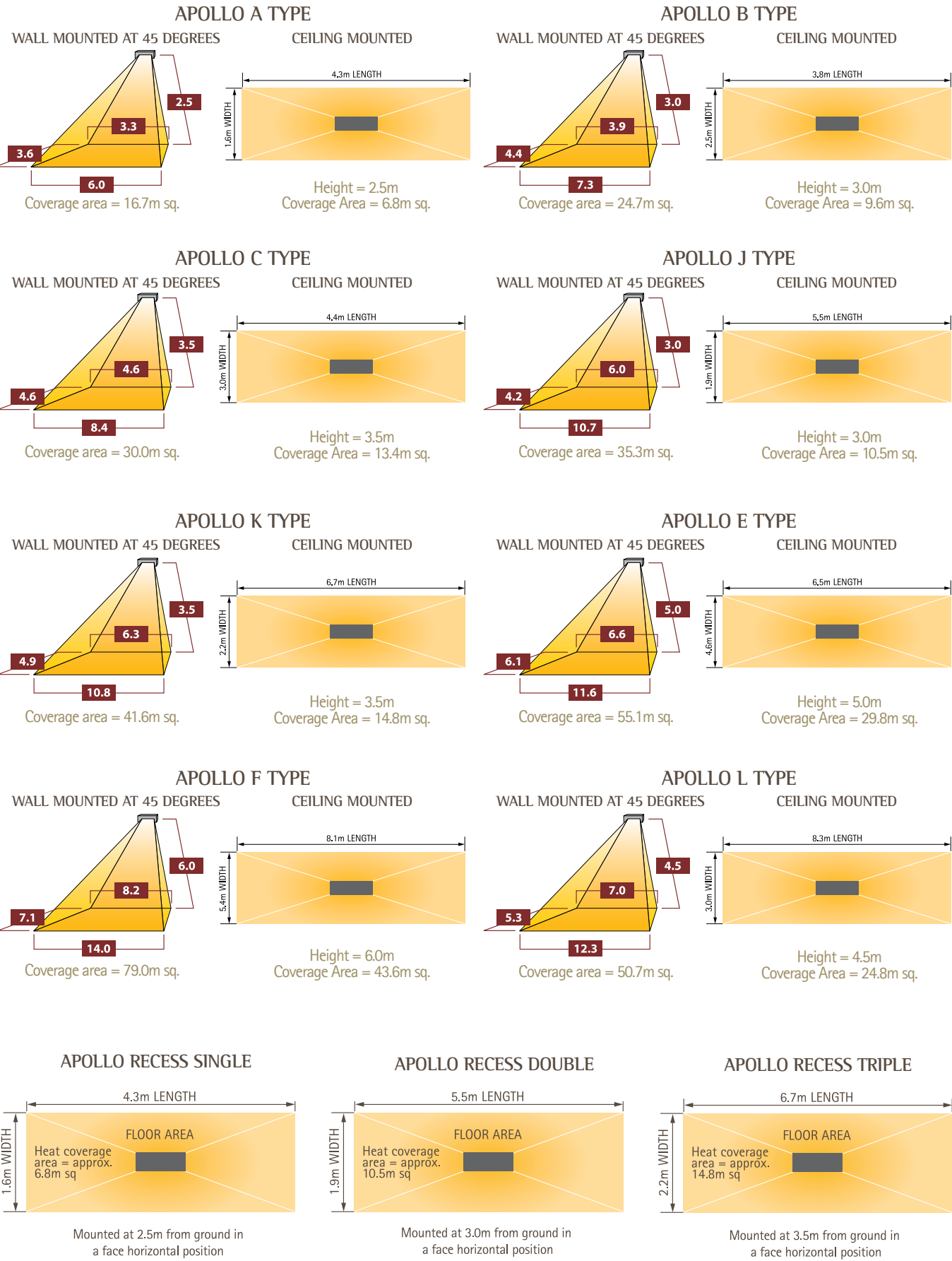
- Reduces light / glare output
- Provides a warm inviting glow
- Excellent reflectance
- Enhance the visual look. Can also be combined with Tansun's colour options to create a superior visual look
- Premium product

## WHY CHOOSE TANSUN

- Established 30 years
- Unrivalled experience
- Dedicated Research and Development department
- Always at the leading edge of the heating sector
- Retail packaging available
- Two year warranty on selected models
- Manufactured in UK
- Full Shortwave heating technology
- Developed world's first electric weatherproof outdoor patio heater in association with Philips Lighting
- Premium lamps and components used in heaters
- Extremely reliable
- Dedicated after sales service
- Successful worldwide network
- Extremely energy efficient

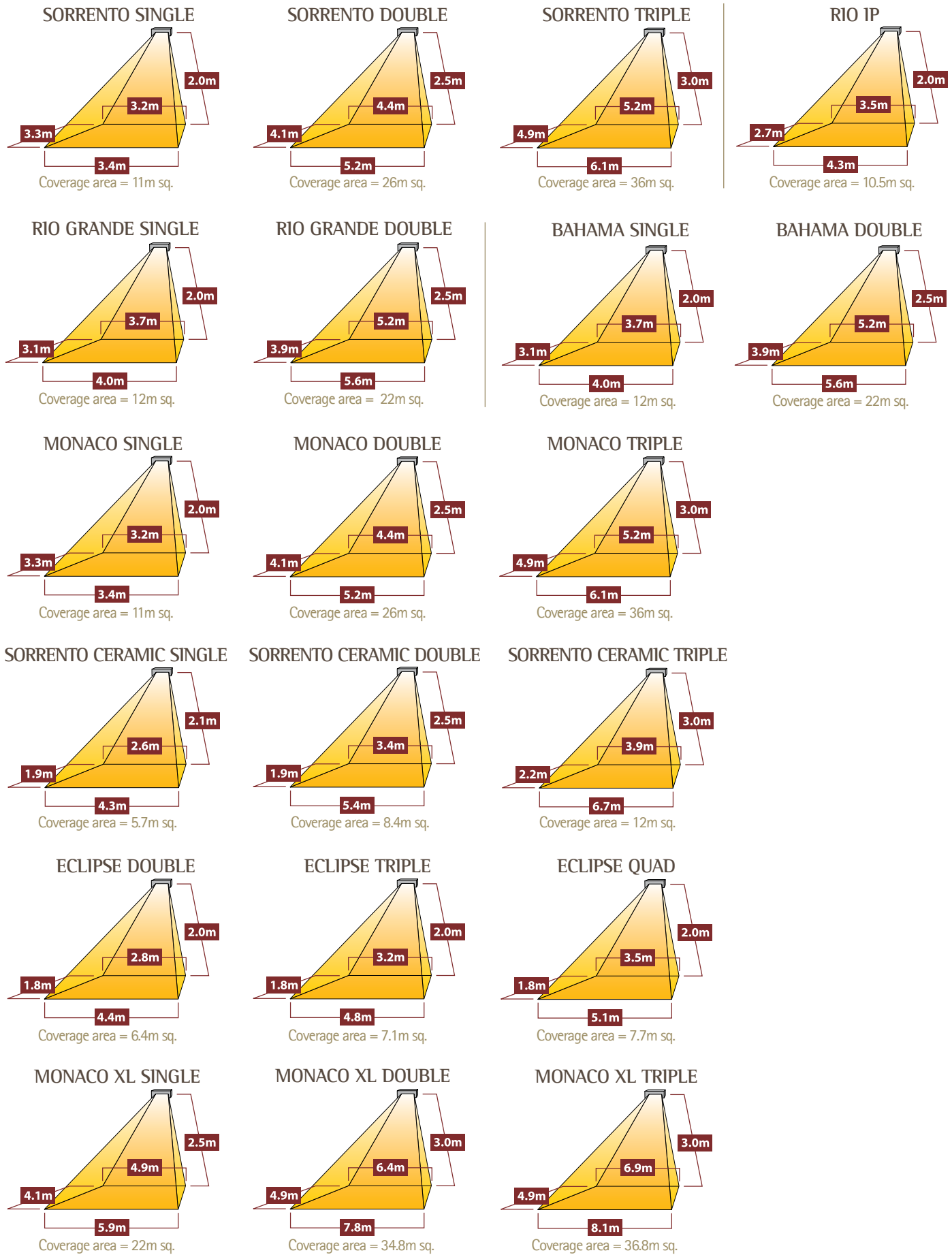


# HEAT COVERAGE AREAS - APOLLO



Above values should be used as a guide only

# HEAT COVERAGE AREAS WALL MOUNTED AT 45 DEGREES





Due to Tansun heaters being some of the most versatile and adaptable infrared heaters on the market, they are installed all over the world in a diverse range of locations and settings. Below are some of the installations Tansun have been successful in achieving, varying over a wide range of projects.



The Tansun Apollo was specified and installed at the new Terminal 5 baggage area for London's Heathrow airport.



Tansun Apollos are installed at the Stade Pierre Mauroy in Lille, France for the world renowned 'Davis Cup' tennis tournament.



Tansun Single Sorrento's are installed in a McDonald's outdoor seating area in Austria.



## SKI RESORT AUSTRIA

Tansun double Monaco's installed at Ski Resort restaurant high up in the Austrian mountains...2,500 metres above sea level!



50%  
INCREASE  
IN SALES



Piccolino is a traditional Italian restaurant with a modern twist. It is part of the Individual Restaurant Chain. It offers a combination of both modern and classical Italian dishes prepared right in front of your eyes! The restaurant is based in Brindley Place in Birmingham, and they approached Tansun for a heating solution for their outdoor dining areas.

## ASSESSMENT

They previously used Gas Pyramid heaters which were not proving cost efficient, and were using up far too much floor space in the dining areas. They were after something cost effective yet powerful, stylish yet robust. Not only this, but they also required full individual heater controllability. They were invited into our showroom here at Tansun in Birmingham and had a demonstration of our extensive range of heaters. Shortly after we went over and did a site survey of their restaurant in Brindley Place.

## SOLUTION

The choice of heaters were Tansun Double Sorrento's along with Tansun's high powered controllers including multi-channel remote controls which allowed individual heaters to be dimmed down to customers comfort levels. They provided the required amount of heat that they were after, and aesthetically fitted into their restaurant surroundings.

## RESULTS

They loved it! The restaurant itself saw a staggering 50% increase in turnover, just from installing our heaters in their outside area. They found that a lot more of their customers were wanting to dine outside under the warm ambient glow of the heaters and the comfortable heat they gave off. They were now ten steps ahead of their competitors who were left in the cold, whilst Piccolino's was buzzing...and still is!





Tansun offer the largest range of domestic, industrial and commercial infrared heaters in the world. Tansun heaters incorporate the latest in Quartz shortwave heating technology. From fixed applications to mobile heating; from fully weatherproof designs for permanent outdoor installations, through to heaters to complement interior surroundings. Whatever your individual requirements, Tansun can solve your heating needs.

...Leading the way in heating innovation

### KEY PRODUCT BENEFITS

- Direct, instant heat
- Economical and Efficient
- 50% more efficient than other technologies
- No heat loss through draft
- No extra ventilation required
- No Direct CO<sup>2</sup> and NO<sub>x</sub> emissions
- Noiseless & Odourless
- Blends in easily to any environment
- Easy to install
- Maintenance free
- Safe and healthy heating

Designed and Manufactured in the UK



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Technical data subject to change without prior notice. Dimensions exclude brackets.

Tansun heaters are designed and manufactured for outdoor use. They can be used indoors but should be used in conjunction with suitable energy saving controllers. Please contact Tansun for controllers for these applications.

