



TANSUN<sup>®</sup>  
WORLD LEADERS IN RADIANT HEATING

MANUFACTURED  
IN THE UK  
...INSTALLED WORLDWIDE



MADE IN BRITAIN



# HEATER COMPARISONS

## 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

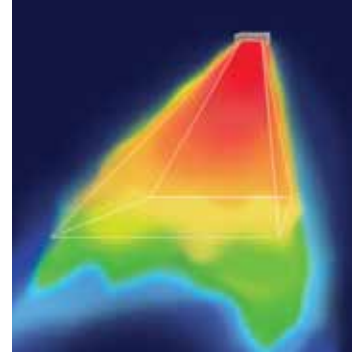
- Our experienced team of heating experts have knowledge in all types of heating applications. From small domestic areas to large factory settings.



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.

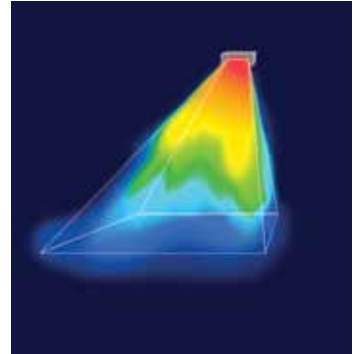
### TANSUN QUARTZ FULL SHORTWAVE INFRARED HEATER

- 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.



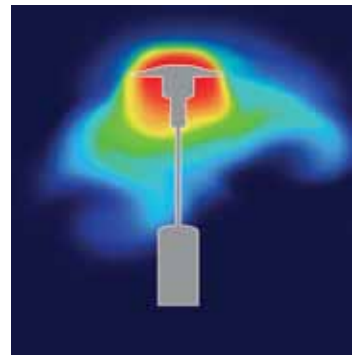
### STANDARD QUARTZ HEATER

- 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.



# 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



Standard Colours

Recommended minimum mounting height: 2.0m - 3.5m

Dimensions (W x H x D): 402 x 227 x 112 - 1178 x 227 x 112mm

### SUITABLE FOR INDOOR OR OUTDOOR USE

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

# TANSUN APOLLO



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.

# TANSUN APOLLO



**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

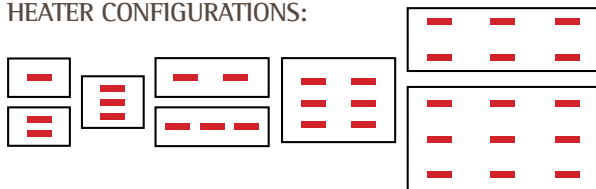
**IDEAL FOR:** Aircraft Hangars, Amusement Parks, Building and Construction, Factories, Farming and Horticulture, Garages and Workshops, Golf Driving Ranges, Halls, Places of Worship, Process Heating, Reception Areas, Schools, Colleges and Universities, Shops, Sports Halls, Swimming Pools and Spas, Zoos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



Standard Colours



**HEATER CONFIGURATIONS:**





# 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.

## MAIN BENEFITS INCLUDE:

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



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.



• QUALITY  
• SAFETY  
• TYPE  
• APPROVED



## 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



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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