

Following information is only for EU-member states:

The use of this symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.



Reference Manual

Monaco XL Double

UK & EUROPEAN MODELS:

MOND-040XL-UK, MOND-040XL-EU (2 × 2.0kW = 4.0kW / 230V)
MOND-048IP-UK, MOND-048IP-EU (2 × 2.4kW = 4.8kW / 230V)



*MONACO XL HEATERS ARE DESIGNED AND MANUFACTURED FOR OUTDOOR USE.
THEY CAN BE USED INDOORS BUT SHOULD BE USED IN CONJUNCTION WITH SUITABLE
ENERGY SAVING CONTROLLERS TO COMPLY WITH EU 2015/118
(PLEASE CONTACT TANSUN FOR DETAILS)*



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Caution

When using Tansun electrical heaters, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

Read all instructions before using this heater.

- Before using this appliance:
 - Check that the voltage indicated on the type plate corresponds to the mains supply voltage.
 - Ensure that the heater has been securely fastened in its final mounting position.
- Do not locate the heater immediately below a socket outlet.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Children of less than 3 years should be kept away unless continually supervised.
- Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.
- **CAUTION - Some parts of the product can become very hot and cause burns. Particular attention has been given where children and vulnerable people are present.**
- Remove the plugs from the mains socket (or disconnect pole switch) during installation, cleaning and/or replacing a lamp emitter and always ensure that a lamp emitter is cool.

7. Remove the screw (Fig. K) from the side reflector and lift it up away from the heater to remove it.

8. Remove the screws from both sides of the middle reflector and lift it up to remove it (Fig. L).

9. The lamp emitter can be released from the middle lamp emitter holder by prising back the spring clip and lifting up enough to clear the released clip as shown in Fig. M.

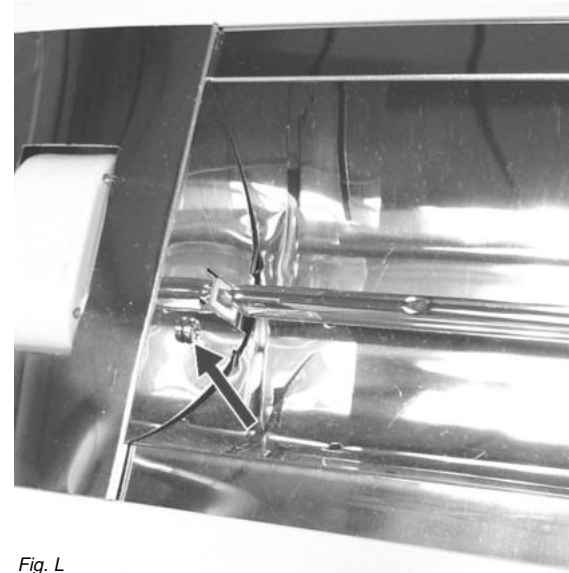


Fig. L

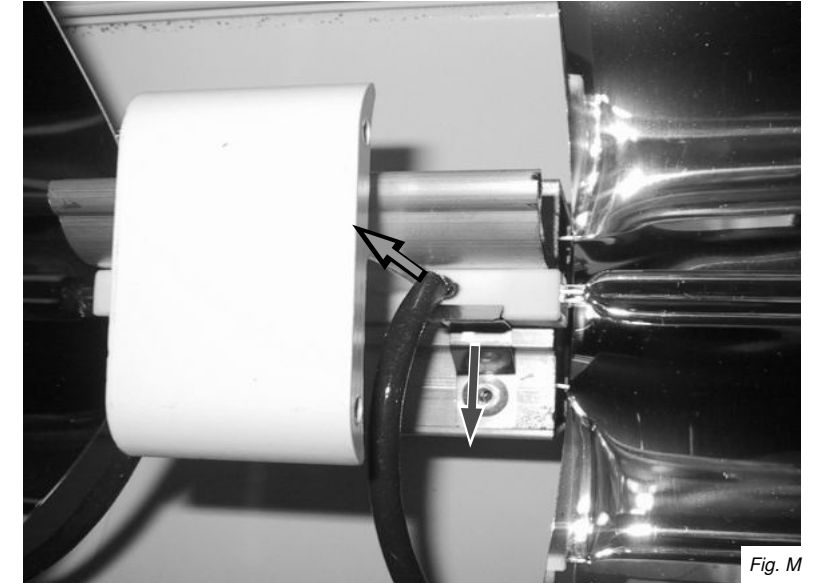


Fig. M

10. At the opposite end of the lamp emitter the wire should be pulled out of the side slot and the lamp emitter can be lifted up completely (Fig. N). The wires should be gently pulled so they come out from behind the reflector.



Fig. N



Fig. O

11. The lamp emitter should now be removed from the heater as shown in Fig. O.

12. Refit new lamp emitter(s) in reverse order ensuring that no wires get trapped and all screws are fully tightened.

Replacing a Lamp Emitter

If you are in any doubt about following the procedure below, please contact us for technical assistance. The mains power should be disconnected before any attempts are made to replace the lamp emitter. The following should be carried out with compliance to the latest electrical regulations. If you are unfamiliar with installing such fixtures, contact a qualified electrician to carry out. Please read the notes on page 5 with regards to handling and buying a replacement lamp emitter before proceeding.

1. Ensure the heater and lamp emitters are cool and the power supply is disconnected by removing the plugs from the socket outlet (both plugs must be removed even if only one lamp emitter is to be replaced) or disconnect large double pole switch if hard wired.

2. Remove the screws from the terminal box at the back of the lamp emitter you wish to replace and lift off the lid - see Fig. E.



Fig. E

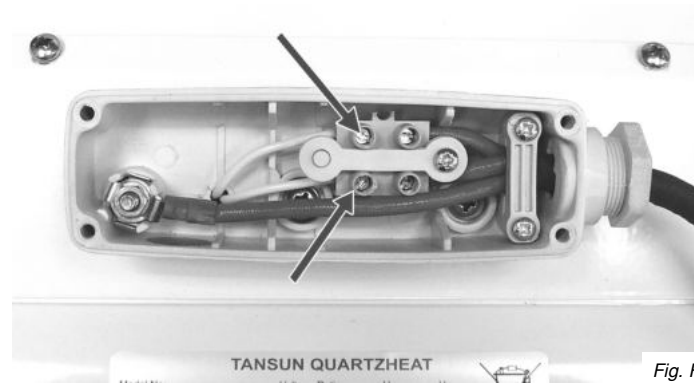


Fig. F

3. Disconnect the lamp emitter wires from the connector blocks by unscrewing the screws highlighted above in Fig. F and remove the lamp emitter wires from the terminal block.

4. At the back of the heater, remove the plate holding the terminal box by removing the two fixing screws as shown in Fig. G.

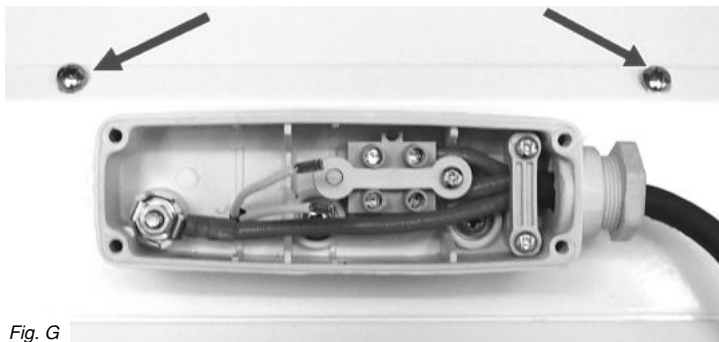


Fig. G



Fig. H

5. Pull the lamp emitter wires one at a time through the plate to remove as shown in Fig. H.

6. At the front of the heater, the guard in front of the lamp emitter you are replacing should be removed by gently pulling it away from the heater so it prises out of its locating holes at each end (Fig. J).

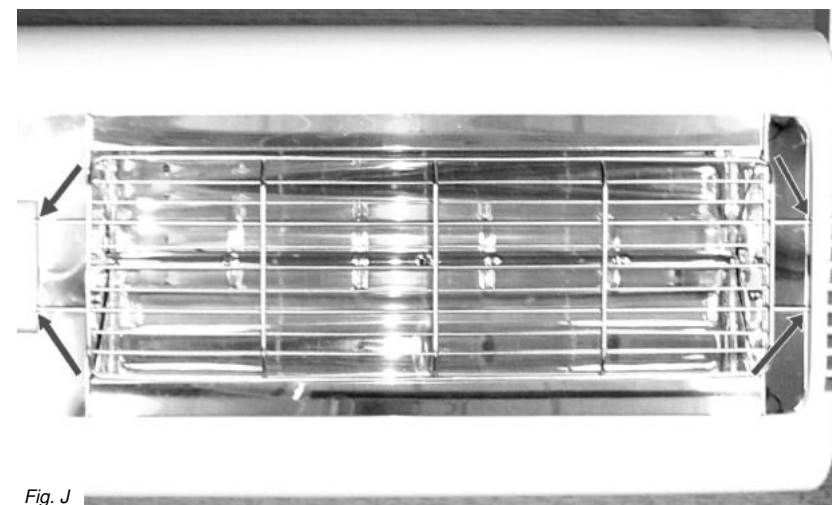


Fig. J

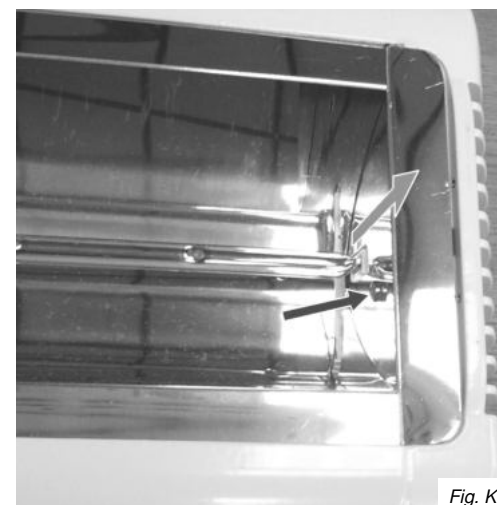
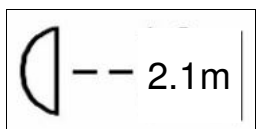


Fig. K

- Do not use an extension cord with this product because the extension cord may overheat and cause a risk of fire.
- Keep the mains supply cord away from the body of the heater which will get hot during use.
- Arrange the mains supply cords so they cannot be tripped over or damaged.
- Do not cover or obstruct the heater while it is in use.
- Do not insert any object through any slot or opening in the heater.
- Do not use if a guard is not present.
- Do not install less than the minimum mounting distance from the floor.
- **WARNING:** This heater should only be installed with an energy saving device to control the room temperature and operated by users capable of using the device. 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.
- Do not touch the heater when it is turned on, as the body gets hot.
- Do not use the heater in a bathroom, laundry areas and similar locations. Never locate the heater where it may fall into a bathtub or other water container.
- Do not use in explosive atmospheres.
- A heater has hot parts inside. Do not use it in areas where petrol, paint, or flammable liquids are used or stored.
- **WARNING:** This appliance must be connected to a supply that is earthed! ⚡

**IMPORTANT -
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE**

Risk of Fire



Keep combustible materials such as furniture, papers, clothes and curtains at least 2.1m from the front of the heater and away from the sides and rear. If the heater is to be used outside, we recommend that a waterproof or indoor socket outlet is used.

Introduction

The Monaco XL Double heater produces radiant heat like the sun, warming people and objects rather than the air in between. It is mounted on an adjustable bracket that allows the heat to be directed exactly where it is required. Its attractive, lightweight design means that it is effective yet unobtrusive. The Monaco XL Double heater is weatherproof so is suitable for outdoor use or can be used indoors in conjunction of a suitable energy saving control device (contact Tansun for details).

Please read the following instructions carefully before use. The safety of this heater is guaranteed only by its correct usage in accordance with these instructions, therefore it is recommended that they are retained for future reference.

Specification

Table 1. UK and European Heaters

Model	MOND-040XL	MOND-048IP
Voltage	230V	
No. of Lamp Emitters x Power	2 x 2.0kW	2 x 2.4kW
Total Power of Unit	4.0kW	4.8kW
Current per Lamp Emitter	8.5A	10.4A
Total Current of Unit	17.4A	20.9A
Min. Mounting Height From Floor	2.3m	2.5m
Min. Distance From Ceiling	0.4m	
Min. Distance From Side Wall	1.0m	
Dimensions - L x H x D	1140mm x 227mm x 142mm	
Weight	7.6kg	
Ingress Protection	IP55	

Use MCB Type 3 or C.

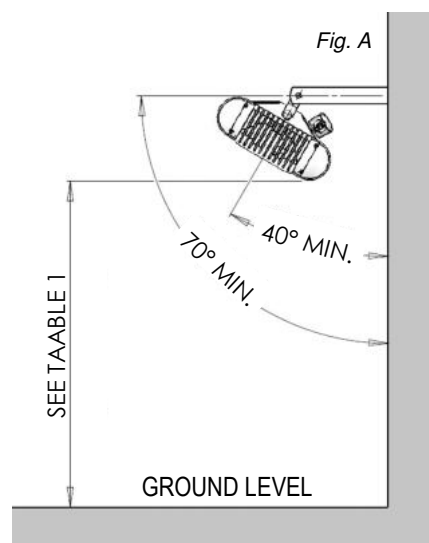
Installation

- Warning - this appliance must be connected to an earthed supply.
- The Monaco XL Double heater is fitted with 2 x supply cords and moulded plugs, therefore it is unnecessary to open the terminal box in order to carry out normal installation of this product and should not be interfered with.
- All installations must be in accordance with the latest electrical safety regulations or equivalent.
- We recommend using a RCD where applicable.
- If hard wiring, a large double pole switch with a 3.0mm contact disconnection should be fitted.
- If a supply cord becomes damaged, it must be replaced by the manufacturer, its service agent or a similar qualified person in order to avoid a hazard.
- Please observe the minimum safe distance between the heater body and any inflammable surfaces.
- When the electrical connection is outside, it is recommended that waterproof sockets are used for the connection/terminal. Otherwise, the plug should be connected to sockets indoors.
- When installing indoors the heater should be connected to a suitable energy saving controller (please contact Tansun for details).
- If in any doubt, please contact a suitably qualified electrician.

Mounting (Wall Mounting or Chain Hanging)

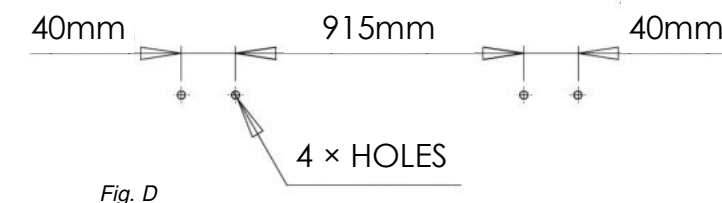
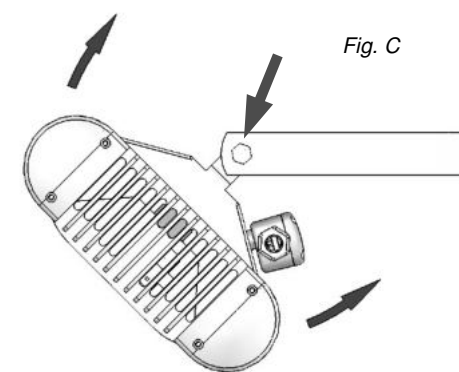
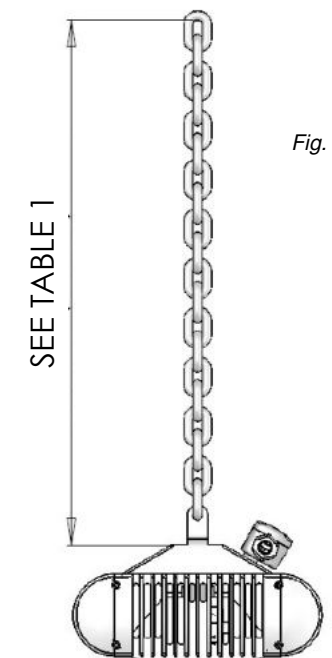
- The Monaco XL Double heater should only be wall mounted in a horizontal manner or hung from a ceiling from chains (not supplied).
- When wall mounting the Monaco XL Double heater in a horizontal manner, do not position the heater at an angle more than 70° and less than 40° as shown in Fig. A.
- When ceiling hanging the Monaco XL Double heater, ensure the minimum distance from the ceiling is adhered to as shown in Fig. B.
- Always allow the heater to cool before attempting to reposition/move. Never attempt to move the heater while it is switched on!

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- Observe the minimum safe distance between the heater body and inflammable surfaces and objects when mounting.
 - Please refer to Table 1 for the recommended positioning of the heater with regards to minimum distances. Do not install the heater in a corner!
 - Keep out of the reach of children.
- When wall mounting, securely fasten the L-shaped wall brackets to the mounting surface using both of the fixing holes in the short part of the bracket (see Fig. D for mounting hole centres). Please refer to Table 1 for recommended positioning of the heater. Please note. Wall fixings are not supplied. They should be selected to substantially support the weight of the installation. If in doubt contact a professional for advice! When hanging from a ceiling two equal length and gauge chains are required and should be selected with fixings that are more than adequate to hold the weight of the heater. Again, if in doubt contact a professional for advice!
 - The heater should be mounted with the terminal box at the bottom of the heater when being wall mounted.
 - When wall mounting, fix in the required angular position by tightening the fixing bolts on the brackets at the rear of the heater as shown in Fig. C. The heater should face directly down when hanging.
 - Secure the supply cable so it is not resting on the body or obstructing the air-vents.

Always isolate the heater from the mains supply when adjusting the position.



Maintenance

In the event of heater failure, or for spare parts or advice, please contact the manufacturer in the first instance.

- Disconnect from the mains before commencing any maintenance procedure including cleaning.
- To ensure optimum heat effectiveness, it is recommended that the guard is removed and the reflector is wiped with a lint-free cloth should the reflector show considerable signs of dust or dirt.

Your Replacement Lamp Emitter

It is very important that your replacement lamp emitter is exactly the same as the one it was supplied with. Failure to fit the exact same type could cause the heater to fail or even become dangerous especially when used in an outdoor environment.

Please contact Tansun Limited to purchase your replacement lamp emitter and state the model number of the heater you wish to fit the lamp emitter to.

Handling the Replacement Lamp Emitter

Your new quartz lamp emitter should not be handled with bare hands. Remove finger marks with a soft cloth and methylated spirits or rubbing alcohol. Finger marks will burn into the quartz glass causing it to fail prematurely.

