

### Electrical Specification

220 - 240V	1500W	6.5A	IP55
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### Wiring notes

Installation should only be carried out by a competent person and in accordance with the current edition of the IEE Wiring Regulations (BS7671: Requirements for Electrical Installations) and any other applicable statutory regulations.

The heater(s) must be earthed.

The heater(s) should be preceded by an all pole isolating switch.

Where the heater(s) are installed outdoors, or where water is present they must be protected by a 30mA Residual Current Device (RCD).

The heater is protected to IP55 and is suitable for outdoor use. All cabling, cable glands, etc. must have a minimum rating of IP55.

- The heater should be mounted horizontally where possible or at a maximum angle of 30 degrees from the horizontal using the mounting brackets provided to ensure adequate clearances.
- If mounted under a parasol ensure the heater is left to completely cool before closing.
- A minimum air gap of 500mm should always be allowed between the top of the heater and the ceiling, roof or parasol.
- A safety distance of 1 mtr should always be left in front of the heater.
- Heaters should not be installed in areas where hazardous vapours may be present as defined in BS5345
- Ensure that there is no possibility of inflammable material coming into contact with the heater.



This product conforms to EU Directive 2002/96/EC.

This appliance bears the symbol of the crossed waste bin. This indicates that, at the end of its useful life, it must not be disposed of as domestic waste, but must be taken to a collection centre for waste electrical and electronic equipment. It is the user's responsibility to dispose of this appliance through the appropriate channels at the end of its useful life. Failure to do so may incur the penalties established by laws governing waste disposal.

# W. Tombling Ltd

## Outdoor Infra-red Heater

HLW1500	1500w	220 - 240V
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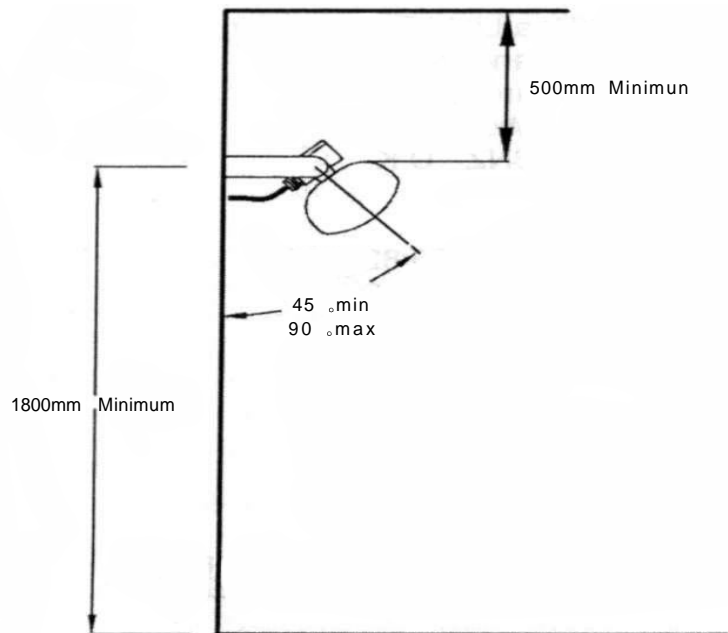
**PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE  
INSTALLATION AND RETAIN THEM FOR FUTURE**

After unpacking make sure that the appliance is complete and shows no signs of visible damage or tampering.

- Keep the packing materials away from children.
- Check the supply voltage is the same as indicated on the heater.
- Do not touch the heater with wet hands.
- The heater should only be used with adult supervision.
- Do not operate the heater without the guard in position.
- Avoid the improper use of extension leads.

### **Installation**

- The mains lead is made from high temperature cable(HO5SS-F) and as such should not be replaced without consulting a suitably qualified person.
- The heater must always be installed using the mounting brackets provided. This ensures correct positioning and adequate clearance.
- This unit should be mounted at a minimum of 1800mm above ground level (see drawing below) with a minimum air gap of 500mm maintained above the heater and the ceiling or canopy.
- A safety distance of 1 mtr should always be left in front of the heater.
- Ensure that there is no possibility of inflammable material coming into contact with the heater.



### **Wall mounting**

Remove the bracket from the back of the heater by unscrewing the 2 x M8 bolts.

Before drilling any holes ensure that the wall is solid and that there are no water pipes or electrical wires in the area where you are placing the heater.

Secure the bracket to the wall then refit the heater to the bracket using the 2 x M8 bolts.

The heater must be mounted at an angle of between 45 and 90 deg. (See drawing opposite)

### **Parasol mounting**

Use the supplied bracket for clamping to a parasol arm. You must ensure the canvas / material of the parasol is at least 500mm away from the back of the heater and can not come into contact with high winds.

### **Maintenance**

The heater contains no moving parts and therefore very little maintenance is required other than to ensure that there is not an excessive build-up of dust or dirt on the reflectors or lamp, which can cause overheating and premature lamp failure. To clean the heater, isolate it from the mains electricity supply, allow it to cool and then wipe with a damp cloth.

### **Lamp replacement**

The lamp used in the fitting is robust and if knocks and shock vibrations are avoided, has an approximate lifespan of 5000 hours.

Lamp replacement must only be carried out by a competent person:

1. Isolate the heater from the power supply and wait until it has cooled down.
2. Remove both end caps by undoing the 2 socket head screws at each end.
3. Remove the guard and end reflectors.
4. Unclip the lamp from the spring clips at each end, allowing the emitter to move forward clear of the back reflector.
5. Unclip the reflector from the heater casing.
6. Disconnect the emitter wires from the terminals located in the electrical box on the rear of the heater, and then remove the lamp.
7. Insert the wires of the new lamp through the holes in the heater body to the electrical box and reconnect them into the terminals. Ensure that the terminals are tightened correctly to make a good electrical connection.
8. Re-assemble making sure all the parts are replaced and the guard is in position