

Warmup Ireland

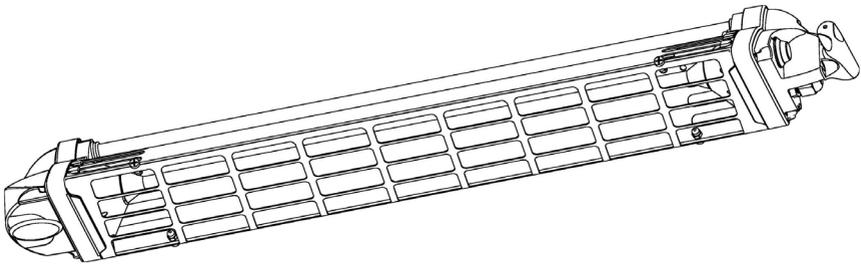
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Warmup[®]

Warmup[®] Patio Heater USE AND MAINTENANCE



HALOGEN QUARTZ INFRARED HEATER - 1800W

CE
IP 65

USE AND MAINTENANCE

1. SAFETY CAUTIONS

These instructions should be carefully read before installation and retained by the user. The booklet must be kept and delivered to the new user in case of cession of the machine. The Manufacturer reserves the right to vary the features of the product without prior notice. The technical data are merely indicative.

1. This appliance is intended solely for the use it has been designed for, namely, room and area heating. The Manufacturer is not responsible for any damage that could happen for improper use.
2. After unpacking, make sure that the appliance is complete and shows no signs of damage or tampering.
3. Keep packing materials, which are potential dangers, away from children.
4. The appliance is not suited for persons (as well as children) physically, mentally, sensory disabled, or with no experience, unless they have been supervised or directed by someone responsible of their safety.
5. Do not let the children play with the appliance.
6. Before inserting the plug make sure that the voltage is the same as indicated on the device. (230Vac)
7. Do not use in presence of gas, inflammable or explosive liquids or substances.
8. Some fundamental rules which apply to all electrical devices must be observed when using the heater:
 - Do not touch the heater with wet hands.
 - Do not handle with bare feet.
 - Do not pull the electric cord or the device itself to unplug it from the socket; pull the plug directly.
 - Do not let children play with the electrical appliance.
9. Avoid improper use of extension cords.
10. Do not apply any modification to the product that could compromise the safety.
11. Keep connections dry.
12. If the power supply cord is damaged, avoid to use the appliance. For power cord replacing, please contact technical service or a person with similar qualification, in order to avoid any risk.
13. If the appliance is not used for a long period, disconnect it from the power supply.
14. Always unplug the appliance before doing any maintenance operation.

2. CAUTION REGARDING THE INSTALLATION OF THE APPLIANCE

Installation should always be carried out by a qualified electrician or a competent person in accordance with IEC 60346-7-708 1988. The energy supply must be done through a properly grounded socket. In case of directly connection to supply line, a bipolar circuit breaker with contact opening distance of at least 3 mm must be fitted upstream from the supply line.

- The heaters should always be installed horizontally only, using the mounting brackets provided. This ensures correct positioning and adequate clearance.
- A minimum air gap of 400mm should always be allowed between the top of the heater and a ceiling or roof. The appliance should be 600mm far from the walls (Fig.1).
- Be sure that the heater is not facing the ceiling or inflammable substances.
- A safety distance of at least 1000mm should always be left in front of the heaters
- This unit should be mounted at a minimum of 1800 mm above ground level (Fig.1). If installed in a toilet, the height should be 2250 mm in zone 1 and zone 2; in zone 3 the minimum above ground level is 1800 mm, in accordance with wiring guidelines.
- The appliance must not be located either directly below, nor in front of a socket-outlet.
- The heater must be installed so as to prevent the switches from being reached touched by those in a shower.
- Do not use the heater in close proximity to a bathtubs, showers, or swimming pools.
- Ensure that there is no possibility of inflammable material, combustible material or curtains coming into contact with the heater, or lie near the heater.
- Heaters should not be installed in areas where hazardous vapours may be present. Defined in BS5345.
- The heaters are fitted with safety guards. These are intended only to stop large objects from hitting the emitters. On no account should the heater be operated with the guards removed.

Heat reaches a distance of about 3 meters in front of the appliance. The essential element of the heater is the halogen filled quartz linear lamp with a tungsten element. The heater operates at full output almost immediately.

3. ELECTRICAL INSTALLATION

The Warmup® Patio Heater is an 1800 watt Halogen Quartz Infrared Heater.

- For consumer use the heaters are fitted with high temperature silicone rubber flexible cable (H05 RN-F) conforming to BS 6500.
- Be careful to connect the heater to a supply line protected by 16A fuses not quick-acting type.
- Before pressing the on/off switch, hold the grip firmly and avoid touching the metal parts. The product is in class I and IP65, which is the protection rating required for outdoor use.
- To maintain the protection rating of the appliance, the connection of the appliance with the power supply must be done by means of a minimum IP65 system, as per the standards HD 384 CENELEC for Europe, or international IEC 60346-7-708 1988.

4. LOCATION

- The Warmup® Patio Heater comes with a specifically designed fitting for wall attachment. Before drilling the holes for the dowels, be sure that the wall is solid and that you are far from water/gas pipes or electrical wires. Apply the drilling template on the wall using adhesive tape and punch the marked points (see Fig.6). For fixing the appliance at the wall, drill four holes with a 5 mm diameter bit and fix the wall bracket with the dowels and screws that you find in the box (Fig.2). Then fix the appliance to the wall bracket using the 2 screws and the 2 half rings (Fig.2). Check that the arrows on the wall bracket are facing upwards.
- A version for mounting on upright is also available. The upright must be from 20 up to 60 mm in diameter. For fixing it, please see Fig. 4. The upright bracket is studied for holding one appliance or two of them in opposite position. Before fixing the appliance on the upright, please ensure that it is stable and solid. Preferably, use the upright that can be ordered as accessory. The feet must be opened as far as the white evidenced line on the inferior tube reaches the junction of the feet. Fix the feet to the ground in a proper way, and then fix the upright to the ground using the chain (Fig. 5).
- Ensure that the supply cable is well secured and that it does not come into contact with the reflector of the heater and that it does not trail into the heated area.



5. COMMISSIONING

- Switch on heater (in the models that have the switch) and confirm that emitter is operating.
- Ensure that the heater is aiming its warmth into the target area by adjusting heater angles as necessary by using the adjustment device on the bracket, after you have loosened the screws of the half rings (Fig. 3). All users should be made aware of all aspects of operation and safety and these instructions should be retained for reference.
- In unoccupied premises it is recommended that the heating system is switched off and isolated from the electrical supply.

6. MAINTENANCE

- Warmup® Patio Heaters contain no moving parts and therefore very little maintenance is required other than to ensure that there is no excessive build-up of dust/dirt on the reflectors or emitters as this can cause overheating and premature emitter failure. To clean the appliance, disconnect the power and wipe with a damp cloth.
- The accumulation of lime scale or incrustations reduces the life and the efficiency of the lamp; it is suggested therefore to avoid the continued use in presence of water or salt fog. Residue left by exposure salt water should be removed before use, after having disconnected the appliance, by means of soak in a sugar soap mixture.

7. EMITTER AND SILICON BUMPERS REPLACEMENT

The emitters used in the heater are robust; if knocks and shock vibrations are avoided, they will last for around 5000 hours. When changing the lamp, the silicon bumpers connected to the lamp must also be replaced. They should be substituted even before there are signs of aging. Due to the special sealing and anti-shock design of the heater, the emitters are not intended to be user-replaceable. Please ensure that all emitters are replaced via the Warmup® service network. (T. 0845 345 2288)

Fig.1

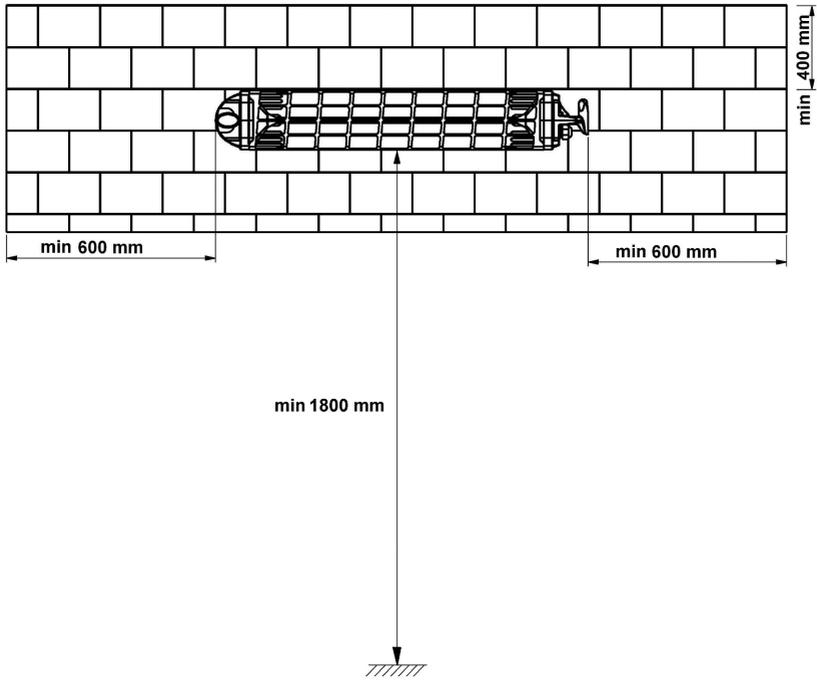


Fig.2

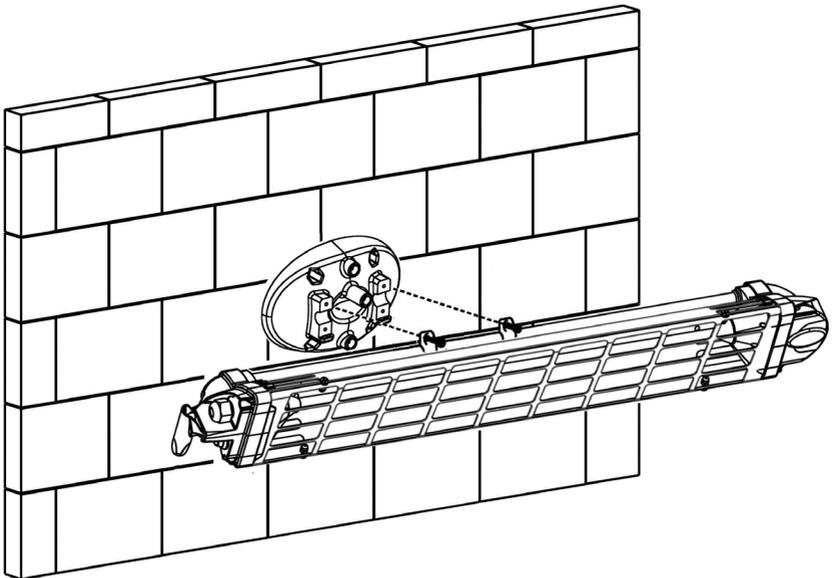


Fig.3

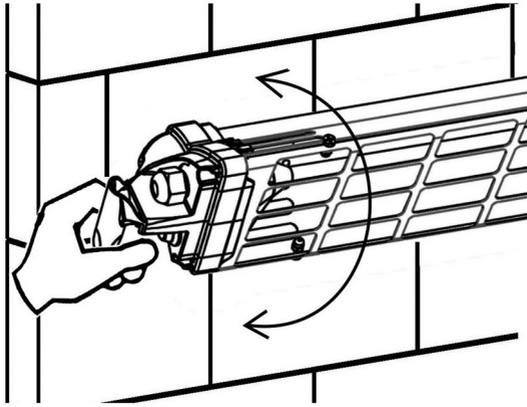


Fig.4

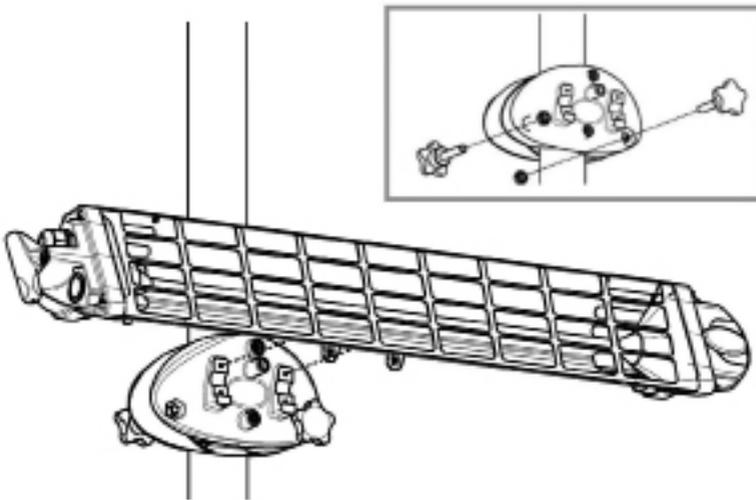


Fig.5

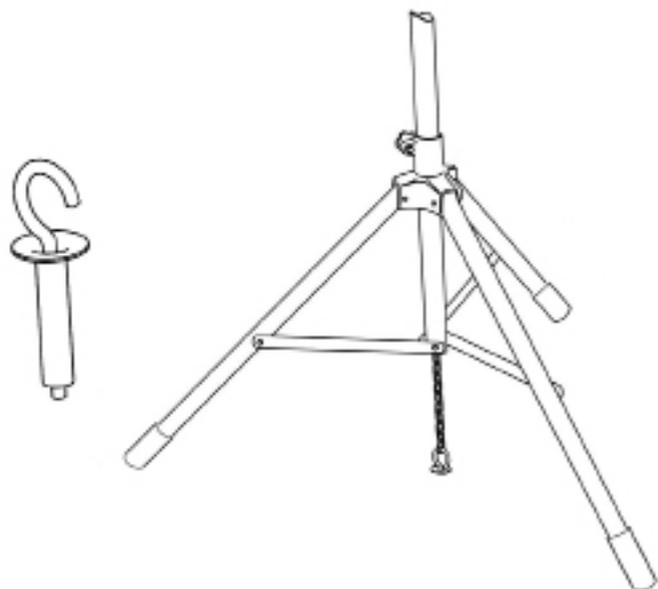
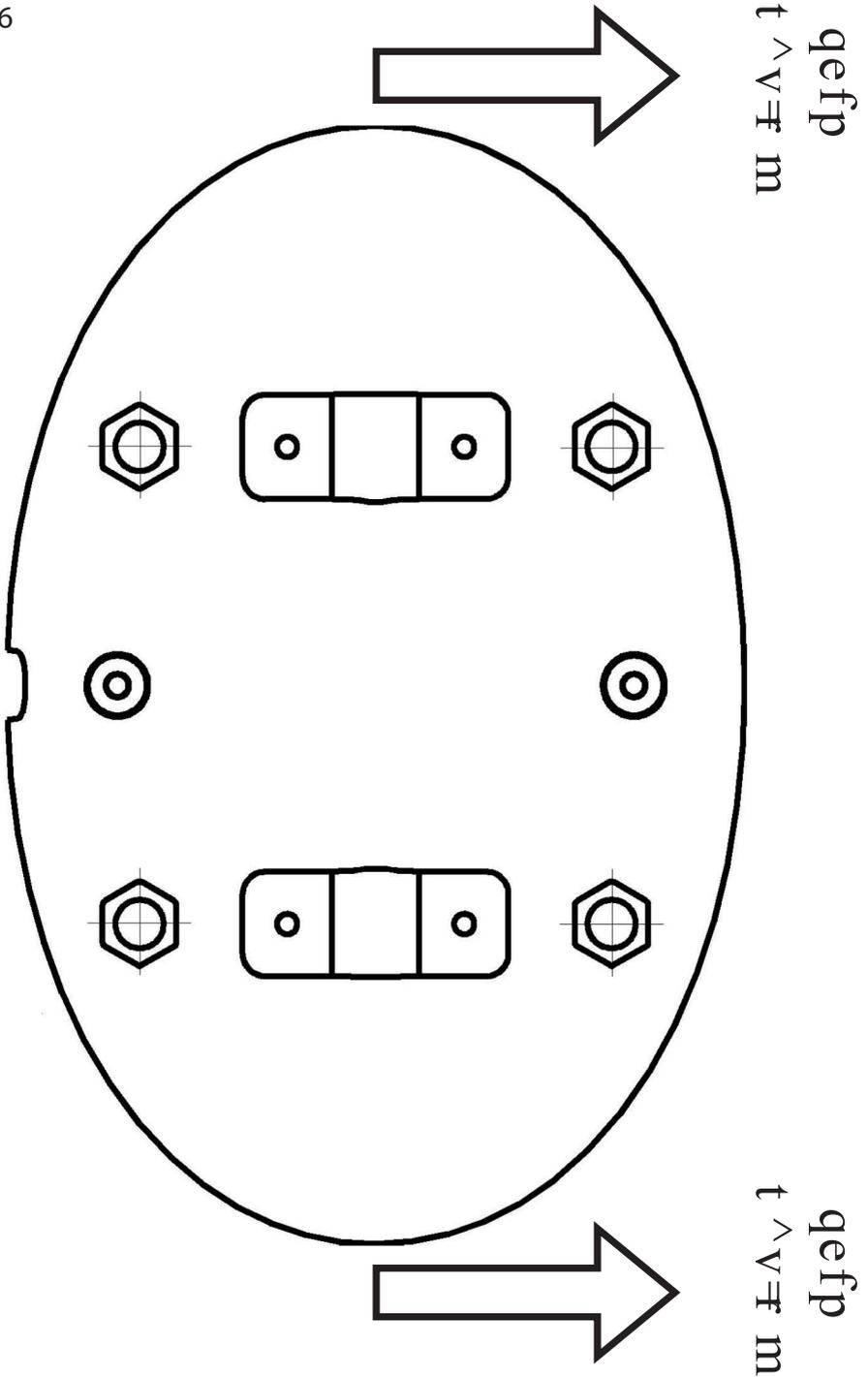


Fig.6



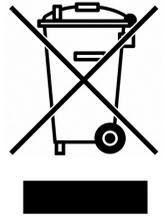
IMPORTANT

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

This appliance bears the symbol of the barred 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, or returned to a retailer on purchase of a replacement.

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.

Proper differential collection, and the subsequent recycling, processing and environmentally compatible disposal of waste equipment avoids unnecessary damage to the environment and possible related health risks, and also promotes recycling of the materials used in the appliance. For further information on waste collection and disposal, contact your local waste disposal service, or the shop from which you purchased the appliance.



Manufacturers and importers fulfil their responsibilities for recycling, processing and environmentally compatible disposal either directly or by participating in collective systems.

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