92777

Infra-Red Paint Drying Lamp - 1kW

A mains-powered paint-drying lamp mounted on a folding tripod, featuring an integral handle for easy manoeuvrability. Ideal for small to medium-sized areas.

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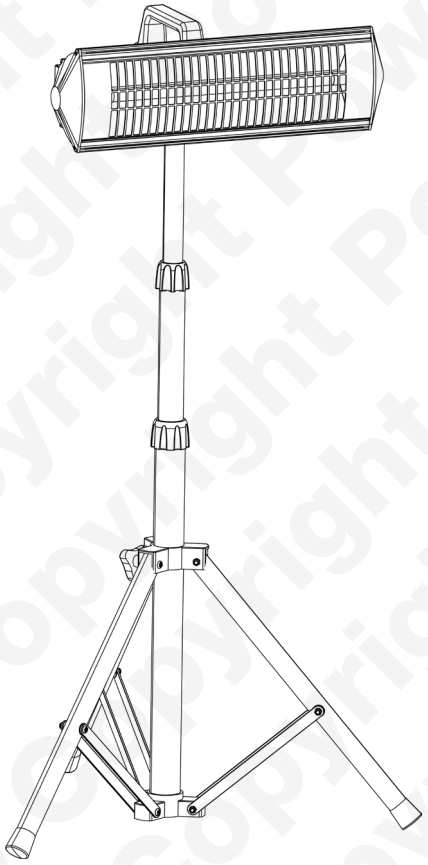
Introduction:
This short-wave infrared paint dryer, part number 92777, is designed specifically for automotive paint curing. It provides strong infrared penetration, fast curing times, long service life and excellent cost efficiency. The unit is simple to operate, portable and flexible in use, so it can be used in a wide range of workshop locations and settings.

Note: For safe, reliable operation, read these instructions in full before assembling or using the appliance. Failure to follow the instructions may result in damage or personal injury; Power-TEC accepts no responsibility or liability for improper use.



Precautions:
Follow these precautions carefully to ensure safe, reliable operation. If in doubt about any procedure, contact a qualified service technician.

Fire and flammable vapours:
- Do not use this machine where flammable or explosive vapours, liquids or dust are present — it may ignite and cause a fire or explosion.
- If used inside a spray booth, ensure the booth's extraction/ventilation has fully cleared solvent vapour before switching the lamp on.

General handling and placement
- Do not hit, drop or strike the unit. Handle with care.
- Do not insert hard objects into the lamp head or reflector.
- Remove all objects from in front of the lamp head before powering on.
- Do not cover the heater or place it where airflow is restricted — covering the unit can cause excessive heat build-up and a fire hazard.
- Do not operate two lamps facing each other with no workpiece between them.

Moving the unit and workspace housekeeping:
- Watch for floor hazards or uneven surfaces when moving the lamp to avoid tipping or overturning.
- Keep the work area clean, well-lit and free of clutter to reduce the risk of trips, falls and accidental damage.

Electrical safety and grounding:
- This machine must be earthed/grounded. Always plug into a correctly installed, earthed outlet. Do not remove, bypass or modify the earth/ground connection.
- Keep the supply cord away from hot, oily, sharp or moving parts. Do not pull the machine by the cord and do not unplug by pulling the cord.
- Replace damaged or frayed cords immediately — damaged cords increase the risk of electric shock and fire.
- Avoid using the machine in wet, rainy or highly humid conditions. Water ingress may cause electric shock or damage.
- Avoid contact between your body and grounded metal surfaces (pipes, radiators, etc.) when using the unit to reduce the risk of electric shock.

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Operation checks and faults:

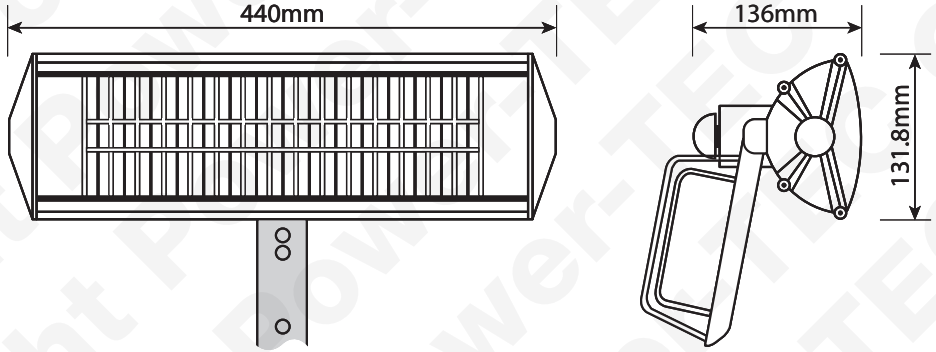
- If the lamp fails to light after powering on, switch off and unplug the unit before checking connections. A loose socket, blown fuse or faulty cord may be the cause — have any electrical faults investigated and repaired by a qualified technician.
- Keep bystanders, children and untrained personnel away from the machine while it is in use. Use guards or barriers where necessary.

Cleaning and maintenance:

- Always unplug and allow the unit to cool before cleaning. Clean the lamp tube and reflector with a soft cloth or cotton lightly dampened with alcohol. After cleaning, allow a minimum of 20 minutes for the alcohol to evaporate completely before switching the lamp back on.
- Lamp replacement and internal repairs must be carried out by an authorised service centre or qualified technician.
- Please turn off the power and unplug the socket before leaving.
- Maintain a good working environment. Keep the work area clean and make sure it is free from any obstructions, oil, waste or other debris. Do not use the machine in areas filled with chemical gases, particles or highly volatile materials; keep the area dry.

Specifications:

Input voltage:	220V 50/60Hz
Input current:	4.75A
Shortwave quartz-halogen infrared tube:	1 x 1050W
Max power:	1050W
Range of timer:	30 minutes
Baking area:	0.5 x 0.6 m²
Temperature:	40-100°C



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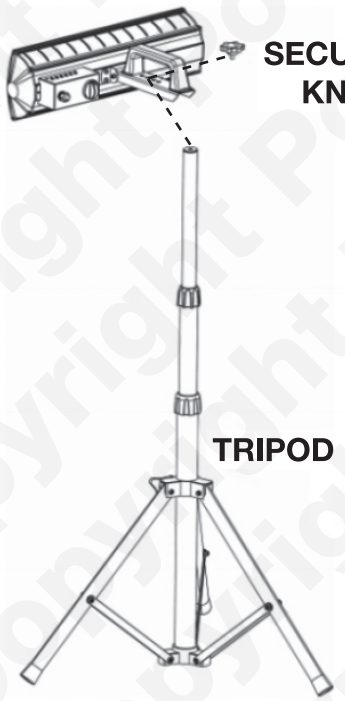
Mounting instructions:

Remove tripod from packaging, place lighting head handle over tripod and tighten knob to secure.



Instructions for use:

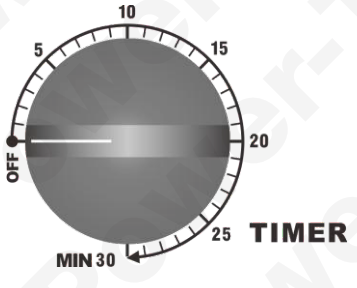
This drying lamp is lightweight, flexible and easy to operate, and can be used with little space constraints. There is a power switch on the back panel: plug in the power supply, turn on the switch or adjust the timing knob to work. In addition to baking paint, it can also be used for heating and softening body strips and mouldings, replacing windshields, and removing adhesive lettering and logos.

Note:

- Before turning on the lamp to take out the red plastic sheet inside the head of the lamp cushion and tear off the sticker on top of the protective mesh cover.

- After 15 minutes use, please do not touch the front part of the lamp and the curved plate part, otherwise it may cause burns!

Operating procedure:



1. Plug in the power supply.
2. Adjust the timer knob to set the baking time.
3. When the timer time is up, it will stop automatically; if you want to continue heating, adjust the timer time again.

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Halogen tube replacement:

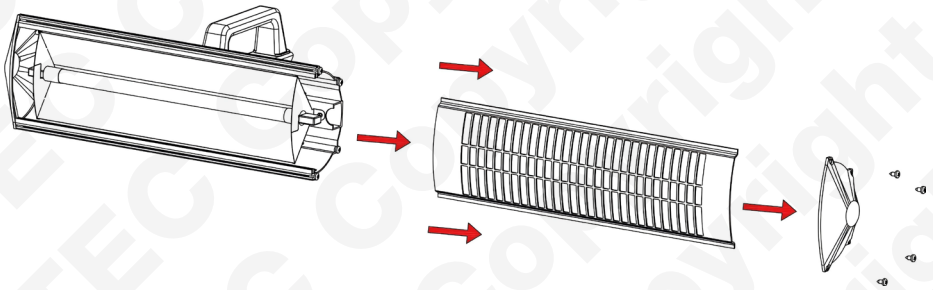
Firstly, isolate the power supply.

Remove the front protection grill of the lamp head, then unscrew the screws of the side plate of the lamp head and remove.

Open the heat dissipation net plate at the back and disconnect the two wiring connectors of the lamp.

Remove the existing tube and replace with new (Power-TEC part number 63140).

Reconnect wiring and reassemble the tube head unit.



Notes:

- Remove plug from mains when not in use.
- Observe standard workshop safety procedures when using the drying lamp.
- Do not let untrained personnel use this tool.
- Keep out of reach of children.
- Always maintain the drying lamp in good condition, keeping it clean and dust-free. Never use water, solvents or aggressive cleaning products. Store in a dry, secure area.
- Dispose of device according to relevant local authority guidelines.
- No liability is accepted for incorrect use of this product — do not use the product for tasks it is not designed for. Use the product correctly and with care. Failure to do so may cause damage and/or personal injury and will invalidate the warranty.

Spares:

Spare halogen tube available - **Part No. 63140**

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Safety First. Be Protected.

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