



HEATLIGHT HEATING PRODUCT CATALOGUE



THERMAL

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HLQ Pro Range



Model No- HLQ30G

220/240v 3000w 12.5 amps



Model No- HLQ45G

**220/240v 4500w 18.75 amps or
380/415v 4500w 6.25 amps per
phase**



Model No- HLQ60G

**220/240v 6000w 25 amps or
380/415v 4500w 8.33 amps per
phase**

The HLQ Series are made to withstand the rigours of installation in demanding locations, being robustly constructed and with excellent finger guards to protect against potential hazard. The lamps are quartz halogen short wave, which is a modern gold lamp type giving a clean, contemporary appearance both when lit and unlit.

The HeatLight brand is unique in that both the heaters and the lamps are manufactured by us resulting in the best quality solution and complete engineering compatibility. These units can be wall mounted or ceiling suspended, and come in single and three phase versions. The case is manufactured from aluminium, and is finished in an ivory colour powder coat finish. The range has been designed to optimize energy consumption and power output. The secret lies in the relationship between lamp and reflector and it is in this area where the HLQ range excels. The combination of clever heat handling design and the energy efficient benefits make this range unbeatable.

Typical applications for Quartz infrared heating



Churches / Church Halls

Dispatch Areas

Factories

Frost Protection

Garages

Joiners Shops

Milking Parlours

Night Security

Offices

Packing Rooms

School Halls

Shops

Sports Halls

Squash Courts

Studios

Textile Mills

Warehouses

Workshops

Heat Requirements

A simple calculation can be made regarding the total amount of heat required in any given area, by using the guidelines in the watts/m² to the right.

Choose the nearest figure to the application of work undertaken and premises type, then multiply this by the total area in m². This will give you an idea as to the total amount of wattage required for heating the area.

The size and type of heaters can then be compared with the table below to find the most suitable models. A 10-15% overlap is recommended to ensure even coverage of the area. Due consideration should be given to the power supply required, mounting locations and safety requirements.

w/m ² required			
Insulation Type	Heavy work	Light work	Spot heating
Highly Insulated	150	200	250
Insulated	175	225	250
Un-insulated	200	250	275
Light Cladding	250	300	300
Badly insulated / damp	300	300	300

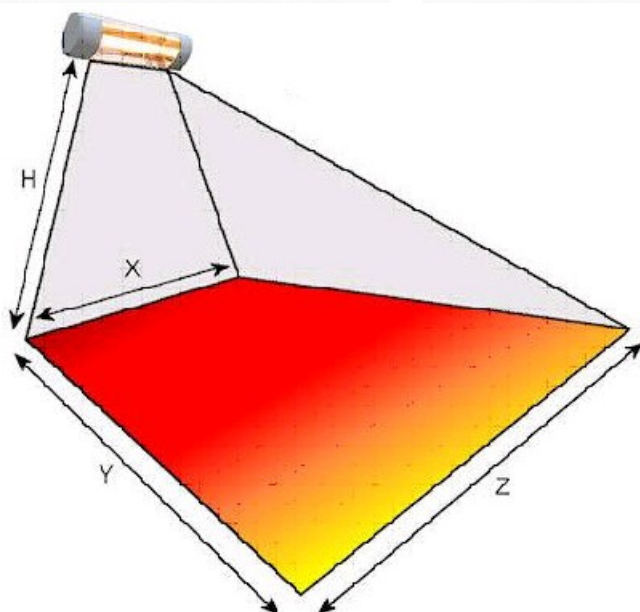
Benefits of using HeatLight Quartz Heating Systems

- The perfect solution for commercial & industrial zone heating.
 - Recommended by most electricity boards.
 - Competitive prices.
 - Technical support.
 - Design and planning advise.
- Full range of infrared heaters for both fixed and mobile systems.
 - Can be controlled by PIR's, Dimmers or Timers.

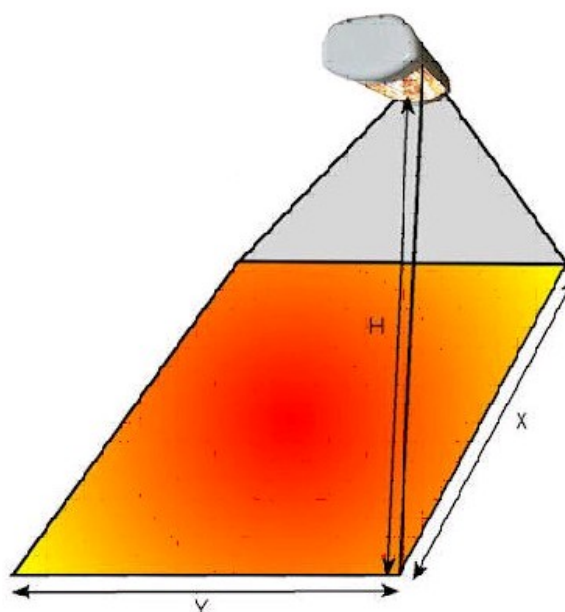
Spot Heating

As an additional guide to spot heating, we would also recommend heating from two directions, to cover the area from opposite sides. This will ensure an overall feeling of comfort and warmth. A heat loading of 250- 300w/m² can be considered as a guide for this type of area.

Wall Mounted



Overhead Mounted



	Wall Mounted					Overhead Mounted			
	Height	X	Y	Z	Area Covered	Height	X	Y	Area Covered
HLQ30G	3.0m	3.7m	3.6m	7.0m	19.2m ²	3.5m	3.3m	2.6m	8.6m ²
	3.5m	4.0m	4.2m	7.9m	25.0m ²	4.0m	5.0m	3.1m	15.5m ²
HLQ45G & HLQ60G	3.5m	4.0m	4.2m	8.1m	25.4m ²	4.0m	5.0m	3.4m	17.0m ²
	4.0m	4.3m	4.5m	8.4m	28.6m ²	5.0m	5.3m	3.7m	19.6m ²

Please note: All heaters come prewired with 1.5m of cable except the HLQ45G and HLQ60G which are intended for professional installation. All heaters are supplied complete with wall brackets and 4x M6 mounting holes for hooks to allow for chain hanging.

Dimensions

	HLQ30	HLQ45/60G
Length	400mm	400mm
Height	300mm	450mm
Depth	85mm	85mm
Weight	3.5kg	5.5kg

Recommended Mounting Heights

HLQ30G- Min 2.2m Max 3.5m
HLQ45G- Min 3.0m Max 4.5m
HLQ60G- Min 3.0m Max 5.0m

HLW IP55 Outdoor Heaters

Why choose a HeatLight Technology Infrared Heater?

Safe... No worries about pressurised gas or secure storing of the cylinders

Silent... It's electric!

Clean... No smells and virtually maintenance free

Compact... Clean and easy to store

Effective... Infrared warms instantly, giving a feeling of comfort from the moment it's switched on

Efficient... Infrared warms the surfaces that it meets not the air- unaffected by draughts

Economical... Low running costs and unlike gas no annual service- a fraction the cost of gas



This short wave infrared heater has been developed to meet requirements of today's needs for outdoor heating. The heater is weatherproof and is suitable for use outdoors in any application; it is perfectly safe to be used in the rain and continues to work even when subject to intense water jets.

The heater uses a patented quartz lamp uncoated to give a warm colour of light and high instant heat or gold coated to deliver high energy instant heat. Unlike other outdoor products this heater has very low glare and users feel warm and comfortable from switch on. It is available in a variety of colours and wattages to suite all your needs

The heater has a very good heat "footprint" whilst retaining compact dimensions to give opportunity for many different applications. The heater can be wall mounted, overhead mounted or fixed under parasols or awnings.

The heater combines a robust character with excellent design, making the product ideal for both commercial and domestic applications. For safety the heater is fitted with an attractive stainless finger guard for increased heat output compared with glass fronted models. The lamp is replaceable.

The heater can be controlled with dimmers, timers, or PIR's. Please ask for details.



Key Features

Infrared Technology: Instant heat using Short wave quartz halogen emitters with a tungsten filament
Suitable for wall or parasol mounting.

Body manufactured from power coated aluminium.

Designed, manufactured, tested and independently approved to IP55 (IP66 Coming Soon).

Unique and patented lamp design.

The thermal effect is significantly improved over existing products due to the revolutionary design and combining a very effective reflector with glass free front face.

Comes complete with wall bracket and parasol arm clamp.

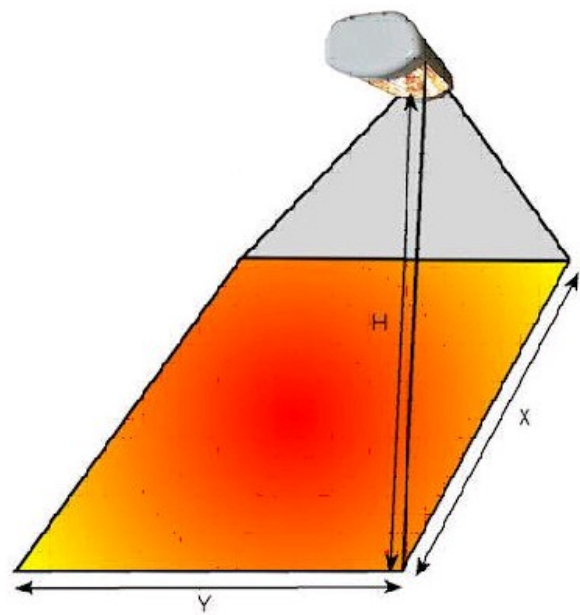
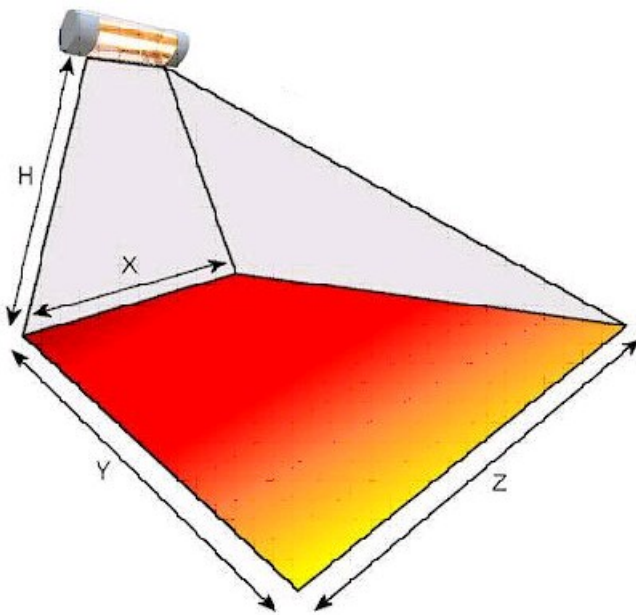
Typical applications for outdoor heating solutions



Area covered by the heater

Wall Mounted

Overhead Mounted



Wall Mounted					Overhead Mounted				
Height	X	Y	Z	Area Covered	Height	X	Y	Area Covered	
2.0m	2.3m	2.4m	4.0m	7.6m ²	2.0m	3.6m	2.5m	9m ²	
2.5m	3.0m	3.2m	5.2m	12.3m ²	2.5m	4.8m	3.5m	16.8m ²	

Accessories

HLWPARARM: Arm for mounting fitting to professional parasol. This arm allows the heater to be mounted to the centre flange of Parasols and with a simple lift and twist action the heater can be lowered to the centre pole enabling the parasol to be shut without the need to remove the heaters first. Usually 3 or 4 of these arms and heaters are used per Parasol.



Technical Specifications

Available Models

Power Supply:- 220-240v 1000W, 1500W or 2000W
Weight:- 1.7 Kg
Size:- L 480mm x H 120mm x D 120mm (not including wall bracket)
Lamp Life:- 5,000 Hours
All heaters supplied with 3M mains cable, wall bracket and parasol clamp.

HLW15: White 1500 watts, 220-240 volts. Standard lamp.
HLW15B: Black 1500 watts, 220-240 volts. Standard lamp.
HLW20BG: Black 2000 watts, 220-240 volts. Gold lamp

HLW30BG IP55 Outdoor Heaters

Why choose a **HeatLight Technology Infrared Heater?**

Safe... No worries about pressurised gas or secure storing of the cylinders

Silent... It's electric!

Clean... No smells and virtually maintenance free

Compact... Clean and easy to store

Effective... Infrared warms instantly, giving a feeling of comfort from the moment it's switched on

Efficient... Infrared warms the surfaces that it meets not the air- unaffected by draughts

Economical... Low running costs and unlike gas no annual service- a fraction the cost of gas



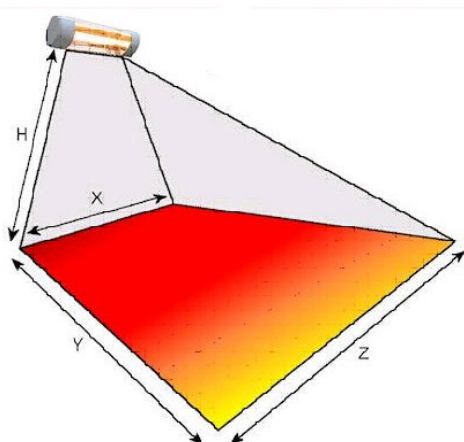
We are pleased to announce an addition to our award winning range of outdoor heaters. This 3KW short wave infrared heater has been developed to meet the requirements of today's needs for outdoor heating. The heater is weatherproof and is suitable to be used outdoors in any application; it is perfectly safe to be used in the rain and continues to work even when subject to intense water jets.

The heater uses a patented quartz gold coated lamp to deliver high energy instant heat. Unlike other outdoor products this heater has very low glare and users feel warm and comfortable from the moment you switch on

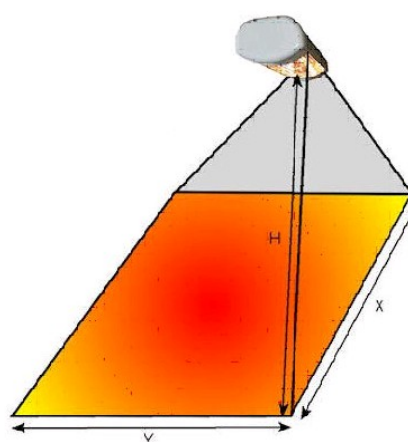
The heater combines a robust character with excellent design, making the product ideal for both commercial and domestic applications. For safety the heater is fitted with an attractive stainless finger guard for increased heat output compared with glass fronted models. The lamp is replaceable and the heater can be controlled with dimmers, timers, or PIR's. Please ask for details.

Heat Coverage

Wall Mounted



Overhead Mounted



Wall Mounted					Overhead Mounted			
Height	X	Y	Z	Area Covered	Height	X	Y	Area Covered
2.0m	2.3m	2.4m	4.5m	8.52m ²	2.0m	3.8m	2.5m	9.5m ²
2.5m	3.4m	3.0m	5.8m	13.8m ²	2.5m	5.2m	3.5m	18.2m ²

Technical Specifications

Power Supply 220-240v 3000w 50- 60Hz

Protection IP55

Weight 3.2Kg

Dimensions L 960mm x H 120mm x D 120mm

Lamp Life 5,000Hours

Supplied with 3 metre mains cable and wall bracket

Key Features

Infrared Technology: Instant heat using Short wave quartz halogen emitters with a tungsten filament

Suitable for wall or parasol mounting.

Body manufactured from power coated aluminium.

Designed, manufactured, tested and independently approved to IP55

Unique and patented lamp design.

The thermal effect is significantly improved over existing products due to the revolutionary design and combining a very effective reflector with glass free front face.

Comes complete with wall bracket and parasol arm clamp.

HLW45BG IP55 Outdoor Heaters



Why choose a HeatLight Technology Infrared Heater?

Safe... No worries about pressurised gas or secure storing of the cylinders

Silent... It's electric!

Clean... No smells and virtually maintenance free

Compact... Clean and easy to store

Effective... Infrared warms instantly, giving a feeling of comfort from the moment it's switched on

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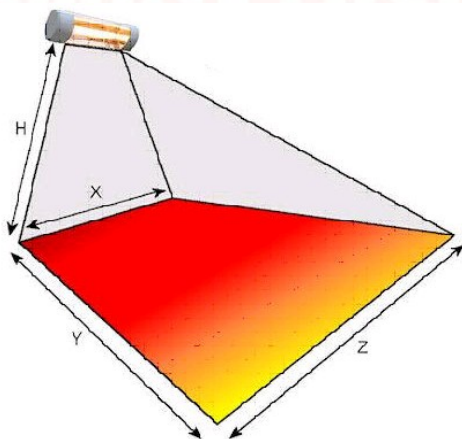
We are pleased to announce an addition to our award winning range of outdoor heaters. This 4.5KW short wave infrared heater has been developed to meet the requirements of today's needs for outdoor heating. The heater is weatherproof and is suitable to be used outdoors in any application; it is perfectly safe to be used in the rain and continues to work even when subject to intense water jets.

The heater uses a patented quartz gold coated lamp to deliver high energy instant heat. Unlike other outdoor products this heater has very low glare and users feel warm and comfortable from the moment you switch on

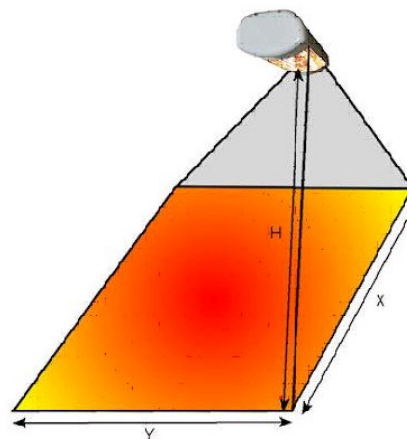
The heater combines a robust character with excellent design, making the product ideal for both commercial and domestic applications. For safety the heater is fitted with an attractive stainless finger guard for increased heat output compared with glass fronted models. The lamp is replaceable and the heater can be controlled with dimmers, timers, or PIR's. Please ask for details.

Heat Coverage

Wall Mounted



Overhead Mounted



Wall Mounted					Overhead Mounted			
Height	X	Y	Z	Area Covered	Height	X	Y	Area Covered
2.0m	2.9m	2.4m	5m	9.44m ²	2.0m	4m	2.5m	10m ²
2.5m	3.8m	3.0m	6.4m	15.3m ²	2.5m	5.6m	3.5m	19.6m ²

Technical Specifications

Power Supply 220-240v 4500w 50- 60Hz

Protection IP55

Weight 3.2Kg

Dimensions L 1440mm x H 125mm x D 125mm

Lamp Life 5,000Hours

Supplied with 3 metre mains cable and wall bracket

Key Features

Infrared Technology: Instant heat using Short wave quartz halogen emitters with a tungsten filament

Body manufactured from power coated aluminium.

Unique and patented lamp design.

The thermal effect is significantly improved over existing products due to the revolutionary design and combining a very effective reflector with glass free front face.

Comes complete with wall bracket

HLX Range

HLX models are the inexpensive answer to spot heating, offering a cost effective way to provide instant heat to the smaller or localised area requiring comfort heating. Ideal for Workshops, Garages, Packing area's, Church halls, Shops, Warehouses and small factories.

With the click of a switch the HLX modular heating system provides instant warmth, and is designed to blend in with the décor of any modern or traditional amenity, commercial or industrial working environment.

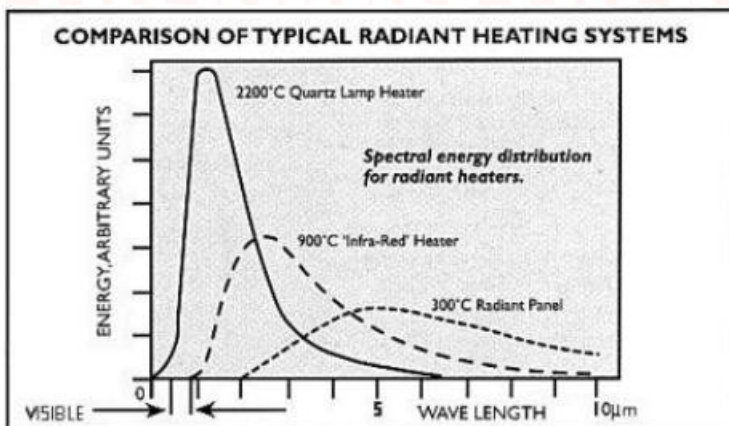
Simple to install, the HLX models are supplied pre-wired in 1.5KW modules, complete with guards and wall mounting brackets. They can be linked in single and twin formats. Not suitable for overhead suspension mounting.



User Applications

Using a conventional heating system large work areas with high unused roof space result in wasted heat and money also small concentrated work areas in large complexes result in wasted heat and money. With the HLX modular heating system any working area can be heated instantly when and where you really need it- with the click of a switch.

- Churches
- Church halls
- Dispatch areas
- Factories
- Frost protection
- Garages
- Joiner shops
- Night Security
- Offices
- Packing Rooms
- Process Lines
- School Halls
- Shops
- Sports Halls
- Studios
- Textile Mills
- Warehouses
- Workshops



Benefits of using HeatLight Quartz Heating Systems

- The perfect solution for commercial & industrial zone heating.
- Recommended by most electricity boards.
 - Competitive Prices
 - Technical support.
- Design and planning advise.
- Full range of infrared heaters

Heat Requirements

A simple calculation can be made regarding the total amount of heat required in any given area, by using the guidelines in the watts/m² to the right.

Choose the nearest figure to the application of work undertaken and premises type, then multiply this by the total area in m². This will give you an idea as to the total amount of wattage required for heating the area.

The size and type of heaters can then be compared with the table below to find the most suitable models. A 10-15% overlap is recommended to ensure even coverage of the area. Due consideration should be given to the power supply required, mounting locations and safety requirements.

w/m ² required			
Insulation Type	Heavy work	Light work	Spot heating
Highly Insulated	150	200	250
Insulated	175	225	250
Un-insulated	200	250	275
Light Cladding	250	300	300
Badly insulated / damp	300	300	300

Spot Heating

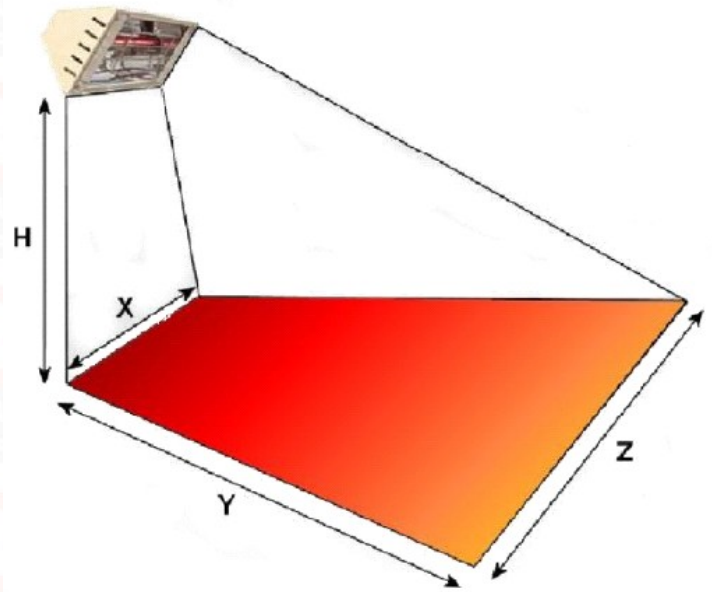
As an additional guide to spot heating, we would also recommend heating from two directions, to cover the area from opposite sides. This will ensure an overall feeling of comfort and warmth. A heat loading of 250- 300w/m² can be considered as a guide for this type of area.

Overhead Mounted

H	X	Y	Z	Area Covered
2.5m	3.2m	2.6m	6.0m	10m ²
3.0m	3.4m	3.6m	6.7m	19.6m ²

HLX15 Dimensions

Length	400mm
Height	140mm
Depth	85mm
Weight	1.75kg
Mounting Height Min	2.20 m
Mounting Height Max	3.0 m



HLX15P Tripod Mount Heater Range



The HLX15P is a 1.5KW Tripod mounted heater, ideal for emergency spot heating and drying applications. With a height range extending from 0.6 to 1.6M.

Fitted with a 1.5KW short wave Quartz tube, heavy-duty guard and remote switch, it provides a fast efficient temporary heat source

Specification

Heater Length	400mm
Heater Height	140mm
Heater Depth	85mm
Weight	4.5kg
Wattage / Voltage	1.5kw / 230V
Stand Height	1.6m



Contact Thermal Products for further information on any of the products featured in this brochure, along with details of your specific requirements or help in choosing the correct system for your heating project.

HLPN1000 Paint Dryer

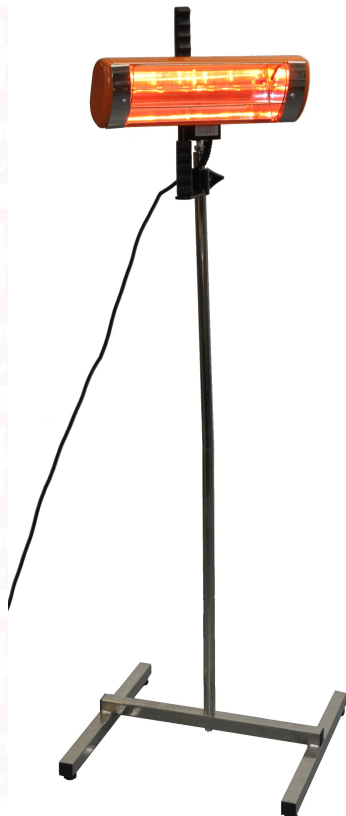


Combining all the features of a flexible hand held heater, with all the benefits of a free standing paint dryer. The VLP10 is the most ideal model to compliment any existing full size drying system. Used with the stand it also becomes an ideal additional heat source or spot drying unit. This model is intended for use on small repairs and drying jobs, for example, Engine drying- strip removal- filler drying- stone chip repairs and preheating prior to spraying.

The VLP10 comes ready fitted with a 1.0kW Gold short wave lamp, offering the same high output as the full size models.

Features

- Fitted with 300mm 1kW Short wave Gold lamp
 - Pistol grip handle
- Wide angle Hi-light reflector
- 3m of flexible cable
- Built in isolating switch
- Sturdy 6ft (1.8m) stand chrome plated
- Full height 'side and lock' heater bracket



Specification

Heater Length	400mm
Heater Height	140mm
Heater Depth	85mm
Weight	4.5kg
Wattage / Voltage	1kw / 230V
Stand	500mm x 500mm x 1800mm
Minimum Static operating distance	500mm (When mounted on its stand)

Order Codes

HLPN1000	Hand Held Model
HLPS	Hand Held Model with Stand

Replacement Lamps

Replacement Heat Lamps

Image	Part Number	Wattage	Voltage	length (mm)	Usage
	64231571	1500	240		HLW30BG
	64231572	1500	240		HLW45BG
	64241334	1300	240	254	Common budget heaters
	64241525	1500	240	440	HLW15
	64241530	1500	240	346	HLX15 (Pre Gold Lamp) HLX15P
	64241538	1500	240	346	Big Red
	64241571	1500	240		HLQ30G HLX15G
	64242070	2000	240	353	HLQ6000G
	64242073	2000	240	440	HWL20BG

Replacement Paint Dryer Lamps

Image	Part Number	Wattage	Voltage	length (mm)	Usage
	64241072	1000	240	346	HLP1000
	64241077	1000	240	346	HLPN1000
	64241536	1500	240	784	HLP4500 (Replaces 6424153A)
	64248531	850	240	195	Hotspot ETSHT
	6424153B	1500	240	784	ETS3, Boothmaster

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