

HLQ Pro Range

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 a 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.



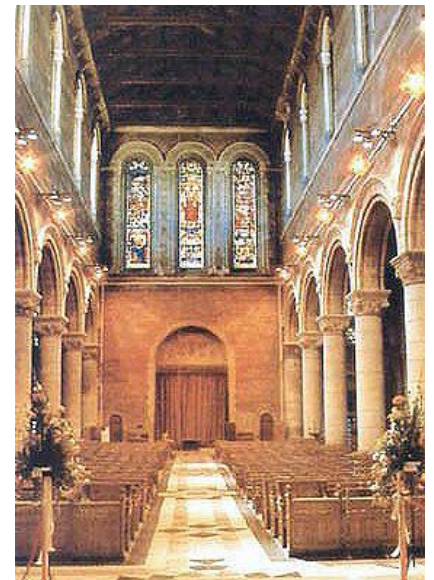
Model No - HLQ15
220/240v 1500w 6.25amps



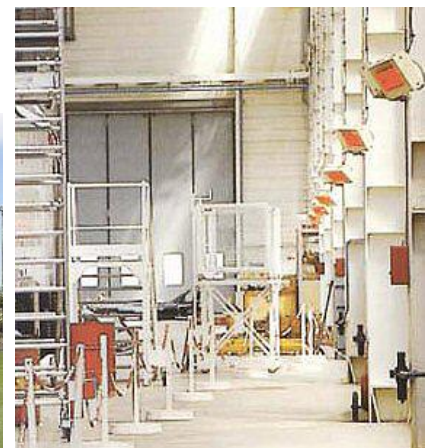
Model No – HLQ30
220/240v 3000w 12.5amps



Model No – HLQ45
220/240v 4500w 18.75amps
or 380/415v 4500w 6.25 amps
per phase



Typical applications for
Quartz infrared
heating



HLQ Pro Range

Benefits of Using Quartz Heating Systems

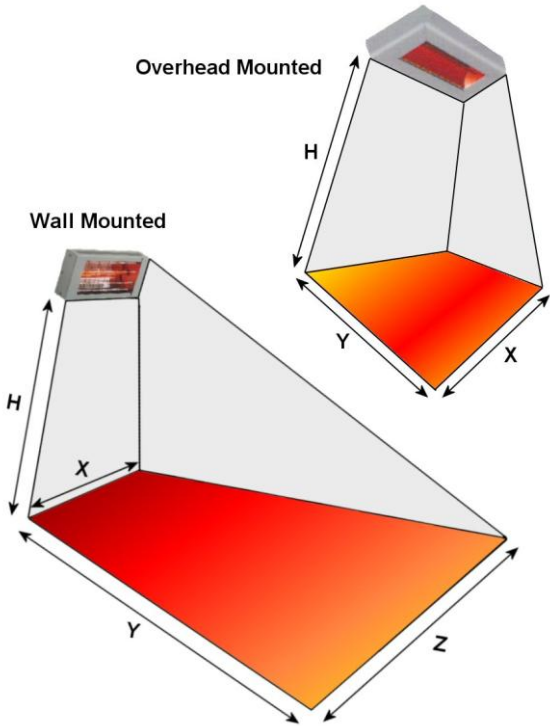
- The perfect solution for commercial & industrial zone heating.
- Recommended by most electricity boards.
- Competitive prices.
- Technical support.
- Design and planning advice.
- Full range of infra red heaters for both fixed and mobile systems.
- Can be controlled by PIR's , Dimmers or Timers

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 below

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			
	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.

	Wall Mounted				Area Covered	Overhead Mounted			Area Covered
	H	X	Y	Z		H	X	Y	
HLQ15 or HLQ20	2.5m	3.2m	2.6m	6.0m	11.9m ²	3.0m	3.0m	2.0m	6.0m ²
	3.0m	3.4m	3.6m	6.7m	18.2m ²	3.5m	3.3m	2.3m	7.6m ²
HLQ30 or HLQ40	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
HLQ45 or HLQ60	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 HLQ45 and HLQ60 which are intended for professional installation. All heaters are supplied complete with wall brackets and mounting holes for hooks to allow for chain hanging.

Recommended mounting heights

1500w emitters		2000w emitters	
HLQ15	- Min 2.2mtrs Max 3.0mtrs	HLQ20	- Min 2.2mtrs Max 3.2mtrs
HLQ30	- Min 2.2mtrs Max 3.5mtrs	HLQ40	- Min 2.2mtrs Max 4.0mtrs
HLQ45	- Min 3.0mtrs Max 4.5mtrs	HLQ60	- Min 3.0mtrs Max 5.0mtrs

	HLQ15/20	HLQ30/40	HLQ45/60
Length	420mm	420mm	420mm
Height	275mm	430mm	590mm
Depth	110mm	110mm	110mm
Weight	2.5Kg	4.5Kg	6.0Kg



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