

# HEATLIGHT TECHNOLOGY

## 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 areas, 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, twin and triple formats. Not suitable for overhead suspension mounting (use the HL range if you require overhead mounting).



Model No - HLX15  
220/240v 1500w 6.25amps



Model No – HLX30  
(Consists of 2x HLX15 + 1 x HLB2 Bracket)  
Each fitting is 220/240v 1500w 6.25amps



Model No – HLX45  
(Consists of 3x HLX15 + 1 x HLB3 Bracket)  
Each fitting is 220/240v 1500w 6.25amps

### USER APPLICATIONS

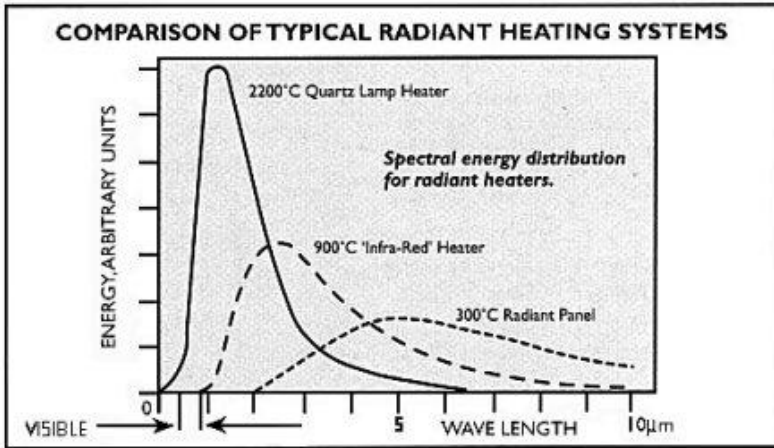
Using a conventional heating system large work areas with high unused roof space results in wasted heat and money also small concentrated work areas in large complexes result in wasted heat and money.

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
- Joiners Shops
- Milking Parlours
- Night Security
- Offices
- Packing Rooms
- Process Lines
- School Halls
- Shops
- Sports Halls
- Squash Courts
- Studios
- Textile Mills
- Warehouses
- Workshops

**HLX fittings are pre wired with heat resistant cable for easy installation**

# HLX Range



## 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 advice.
- Full range of infra red heaters for both fixed and mobile systems.
- 110v versions available

## 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/m<sup>2</sup> below

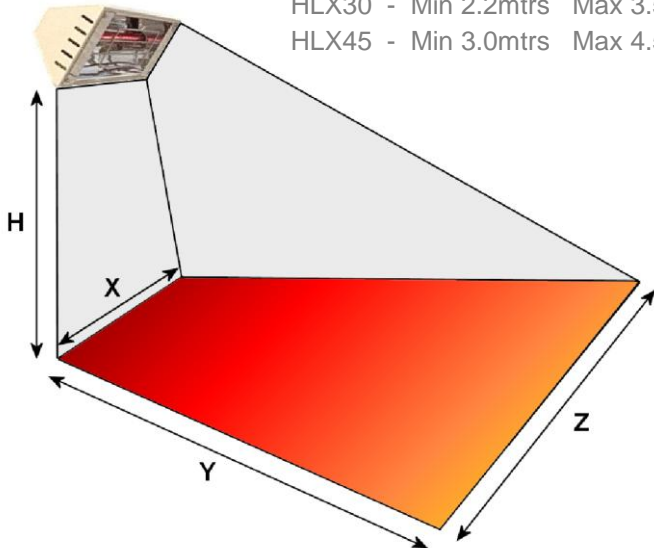
Choose the nearest figure to the application of work undertaken and premises type, then multiply this by the total area in m<sup>2</sup>. This will give you an idea as to the total amount of wattage required for heating the area.

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 <sup>2</sup> 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          |

### Recommended mounting heights:

- HLX15 - Min 2.2mtrs Max 3.0mtrs
- HLX30 - Min 2.2mtrs Max 3.5mtrs
- HLX45 - Min 3.0mtrs Max 4.5mtrs



### 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/m<sup>2</sup> can be considered as a guide for this type of area.

| Fitting Model | Wall Mounting |      |      |      | Area Covered       |
|---------------|---------------|------|------|------|--------------------|
|               | H             | X    | Y    | Z    |                    |
| HLX15         | 2.5m          | 3.2m | 2.6m | 6.0m | 11.9m <sup>2</sup> |
|               | 3.0m          | 3.4m | 3.6m | 6.7m | 18.2m <sup>2</sup> |
| HLX30         | 3.0m          | 3.7m | 3.6m | 7.0m | 19.2m <sup>2</sup> |
|               | 3.5m          | 4.0m | 4.2m | 7.9m | 25.0m <sup>2</sup> |
| HLX45         | 3.5m          | 4.0m | 4.2m | 8.1m | 25.4m <sup>2</sup> |
|               | 4.0m          | 4.3m | 4.5m | 8.4m | 28.6m <sup>2</sup> |

|        | HLX15  | HLX30 | HLX45 |
|--------|--------|-------|-------|
| Length | 400mm  | 400mm | 400mm |
| Height | 140mm  | 300mm | 450mm |
| Depth  | 85mm   | 85mm  | 85mm  |
| Weight | 1.75Kg | 3.5Kg | 5.5Kg |



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