



**AMBIRAD**  
ENERGY EFFICIENT HEATING SYSTEMS

**ELECTRIC**

**RADIANT HEATERS**

## Introduction

*Ambi-Rad electric radiant heaters are silent in operation and emit no atmospheric pollution. They are ideally suited for intermittently heated buildings and large volume low occupation buildings where doors are constantly in use.*

*Both the Quartz Glow and Electric Ceramic Plaque heaters are constructed from extruded aluminium and are supplied with a durable light ivory powered coated finish. (Colour to RAL 1015). Special colours are available on request to RAL specification.*

*Applications are numerous and include: churches, village halls, squash courts, schools, workshops and garages.*

## Ceramic Plaque Range

- Long life ceramic emitters.
- 96.6% of electrical energy consumed into longwave infrared head, eliminating light emission, 86% radiant efficiency.
- No visible light output.
- Longwave infr-red energy does not deplete oxygen levels and therefore alleviates feelings of drowsiness.
- Range includes stacked or linear configuration to improve flexibility and aesthetics.
- Power options extend from 1 to 3kW.
- Manufactured to BS 3456, contains no glass components. Ideal for food industry applications.
- No restriction on minimum mounting heights. Heaters can be mounted in any position, however a minimum air gap of 200mm is required when fixing to walls.
- Wall brackets included as standard.

## Quartz Glow Range

- Highly polished parabolic reflectors made from high quality anodised aluminium.
- Tungsten-halogen bulbs provide short wave infr-red heat energy at 1.2 microns which can be directed to the target area like a spotlight.
- Halogen bulbs create a warm glowing environment.
- 86% radiant efficient.
- Five lamp configurations allow a choice of radiant energy distribution patterns.
- Power options extend from 1 to 4.5kW.
- Safety guards fitted as standard.
- Wall brackets included as standard.

## Specification and technical data

Model		QH15	QH45	QHL30	QHL45
Electric rating	kW	1.5	4.5	3.0	4.5
Electrical supply					
Amp		6.25	18.75	12.5	18.75
Voltage		240	240	240	240
MCB rating		15	30	20	30
Heater dimensions (min)					
Length	mm	420	420	855	1280
Height	mm	225	525	225	225
Depth	mm	115	115	115	115
Weight	kg	2.25	4.0	4.5	5.5

Model		PH10	PH20	PHL20	PHL30
Electric rating	kW	1	2	2	3
Electrical supply					
Amp		4.1	8.2	8.2	12.5
Voltage		220/240	220/240	220/240	220/240
MCB rating		10	15	15	20
Heater dimensions (min)					
Length	mm	420	420	855	1280
Height	mm	225	390	225	225
Depth	mm	115	115	115	115
Weight	kg	2.25	3.5	4.5	11.0

## Mounting guide

Model	Recommended minimum mounting height (m)	Recommended minimum distance from ceiling (m)
QH15	2.1	0.3
QH45	3.5	0.5
QHL30	3.0	0.5
QHL45	3.5	0.5

**MAGMA ENERGY SERVICES LTD**  
 Unit 5, Image Business Park  
 East Cannock Road  
 Cannock  
 WS12 1LT  
 Tel: 0845 868 2119  
 Fax: 01543 876582  
[www.magma-group.co.uk](http://www.magma-group.co.uk)  
[office@magma-group.co.uk](mailto:office@magma-group.co.uk)



Ambi-Rad Limited Fens Pool Avenue  
 Brierley Hill West Midlands  
 DY5 1QA United Kingdom

Telephone 01384 489700  
 Facsimile 01384 489707  
 UK sales email [sales@ambirad.co.uk](mailto:sales@ambirad.co.uk)  
 Website [www.ambirad.co.uk](http://www.ambirad.co.uk)

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Document reference number GB/QG/003/1103

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