

Infrared Bar Heater Data Sheet



For large spaces such as factories, halls, warehouses etc, IHP has a range of industrial strength, medium wave infrared heaters. By heating objects rather than the air, these heaters can economically heat large high buildings which would be impossible to heat with convection heating. They are also ideal for outdoor areas such as restaurants and patios and offer an effective, more comfortable alternative to the glowing orange heaters in common use.

Key features of these heaters include:

- A large contoured, high emissivity heating plate that efficiently heats objects and people rather than the air. Constructed with highly conductive, anodized (black) aluminium, the emitting plate is not only the key to this heater's great performance, it looks great as well.
- Embedded within the plate is a metal/ceramic tubular heating element. The fully protected encased element is protected against oxidation thereby ensuring a long operating life (>75,000 hours). In contrast, halogen / quartz / carbon elements all have limited operating lives (<8,000 hours).
- Internal insulation (Rockwool) reduces rear panel energy losses, further enhancing performance.
- Fully adjustable bracket system for mounting on walls or ceilings, allows independent movement thereby eliminating thermal expansion stresses.
- These heaters come with an IHP 5 year warranty.

Model Info

Part No	Power*	Size (LxWxH)	Net Weight	Heating Area
IBH1000	1000W	600 x 189 x 67mm	4.3kg	10m2
IBH1800	1800W	1000 x 189 x 67mm	6.5kg	20m2
IBH2400	2400W	1500 x 189 x 67mm	9.7kg	30m2
IBH3200	3200W	2000 x 189 x 67mm	13.2kg	40m2
IBH4000	4000W	2000 x 189 x 67mm	13.2kg	50m2

*All are rated at 230VAC with the exception of the IBH4000 which is at 415VAC 3 phase
 **Heating area is dependent on a variety of factors. e.g. insulation, usage, building construction etc. Please contact one of our heating specialists for guidance.

Product Specifications

Attribute	Description
Mounting	Free floating, adjustable brackets
Usage	Industrial strength medium intensity bar heater for wide open spaces, enclosures. No suitable for windy conditions
Element	Tubular Aero-Tech heating element encased in ceramic with stainless steel sheath. Life expectancy 75,000 hours
Temperature	Approximately 350°C
IP Rating	IP54
Certifications & Compliance	LVD EN60335-1:2002 + A11:2004 + A1:2004 + A12:2006 + A2:2006 + A13:2008 + A14:2010 EN60335-2-30:2003 EN61000-6-3:2007 + A1:2011 EN61000-3-2:2006 + A1:2009 + A2:2009 EN61000-3-3:2008 EN61000-6-1:2007 RoHS Directive 2011/65/EU EC Directive 2012/19/EU on WEEE Commission Regulation (EU) 2015/1188 Lot 20 and is exempt under Article 1 Section (g) by definition under Article 2 Section (16)
Warranty	5 year IHP warranty
ROHS	Manufactured from recyclable materials and are ROHS compliant
Manufacturer	Asian supplier according to IHP design requirements. QC'ed and CE'ed by IHP aluminium

