

## HN Series Halogen Heaters

- Heats people rather than space
- Ideal for heating specific targets within an otherwise unheated building
- Instantly effective and therefore ideal for infrequently used buildings



**Halogen heaters heat people rather than space**

### Typical Applications

- Community halls
- Churches
- Workshops
- Packing areas
- Distribution Centres
- Warehouses



**HN Halogen Heaters heating a church in Market Harborough**

### Features

- Replaceable halogen lamp with 7000 hours operating life
- Choice of conventional red-glow lamp or Magic Lamp for zero glare
- Wall mounting bracket with 'up and down' and 'side to side' adjustment
- Pre-wired 1m high temperature cable (2 core and earth)
- Lamps on vertical two lamp heaters and all 3 lamp heaters can be switched independently using remote-mounted switch
- Optional suspension kit available

All HN Heaters now available in

**magic**

L A M P

### FORMAT

All the performance of a conventional shortwave halogen heater but producing the gentlest pink glow and zero glare



**Each packing station has its own magic lamp 'zero glare' heater**

## Single Lamp Heaters

Range			
Model	kW	Case Colour	Lamp Glow
<b>HN3-15</b>	1.5	Ivory	Red
HN3-15B	1.5	Black	Red
HN3-15M	1.5	Ivory	Magic
HN3-15BM	1.5	Black	Magic
<b>HN3-20</b>	2.0	Ivory	Red
HN3-20B	2.0	Black	Red
HN3-20M	2.0	Ivory	Magic
HN3-20BM	2.0	Black	Magic

Red print indicates available from stock.  
Typical delivery for other models: 5 working days

## Two Lamp Heaters

Range				
Model	kW	Orientation	Case Colour	Lamp Glow
<b>HN3-30</b>	3.0	Vertical	Ivory	Red
HN3-30B	3.0	Vertical	Black	Red
HN3-30M	3.0	Vertical	Ivory	Magic
HN3-30BM	3.0	Vertical	Black	Magic
<b>HN3-30L</b>	3.0	Linear	Ivory	Red
HN3-30LB	3.0	Linear	Black	Red
HN3-30LM	3.0	Linear	Ivory	Magic
HN3-30LBM	3.0	Linear	Black	Magic

Red print indicates available from stock.  
Typical delivery for other models: 5 working days.

## Three Lamp Heaters

Range			
Model	kW	Case Colour	Lamp Glow
<b>HN3-45</b>	4.5	Ivory	Red
HN3-45B	4.5	Black	Red
HN3-45M	4.5	Ivory	Magic
HN3-45BM	4.5	Black	Magic
<b>HN3-60</b>	6.0	Ivory	Red
HN3-60B	6.0	Black	Red
HN3-60M	6.0	Ivory	Magic
HN3-60BM	6.0	Black	Magic

Red print indicates available from stock.  
Typical delivery for other models: 5 working days.

## Technical Specification

kW	Volts	Dimensions(mm)			Weight (kg)
		H	W	D	
1.5kW/2kW	230	218	375	100	2.6
3kW (Vertical)	230	376	375	100	4.6
3kW (Linear)	230	218	788	100	4.6
4.5kW/6kW	230/400	536	375	100	6.3



HN3-15



HN3-15B



HN3-30



HN3-30B



HN3-30L



HN3-30LB



HN3-60



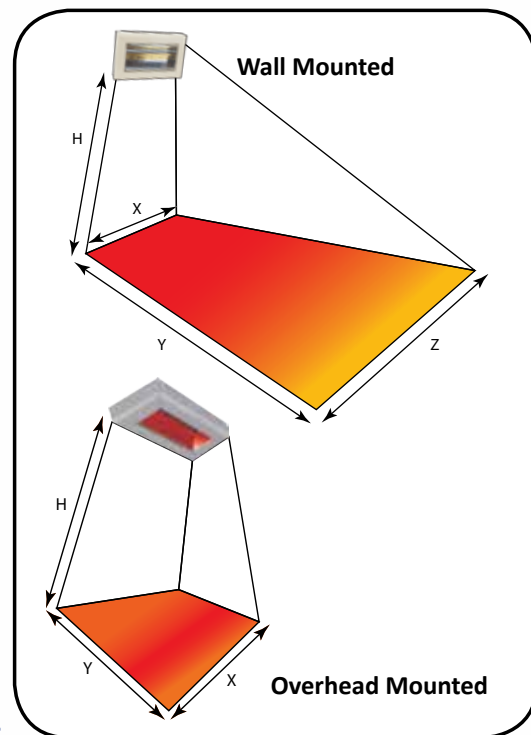
HN3-60B

Continued...

# HN Halogen Heaters Continued

**Table 1 - Select appropriate W/m<sup>2</sup>**

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



**Table 2 - Select heater type and mounting height**

kW	Wall Mounted (m)				Area Covered (m <sup>2</sup> )	Overhead Mounted (m)			Area Covered (m <sup>2</sup> )
	H	X	Y	Z		H	X	Y	
1.5 kW or 2kW	2.5	3.2	2.6	6.0	11.9	3.0	3.0	2.0	6.0
	3.0	3.4	3.6	6.7	18.2	3.5	3.3	2.3	7.6
3kW Vertical	3.0	3.7	3.6	7.0	19.2	3.5	3.3	2.6	8.6
	3.5	4.0	4.2	7.9	25.0	4.0	5.0	3.1	15.5
3kW Linear	2.5	3.6	2.6	6.4	13.0	3.5	3.8	2.6	9.9
	3.0	3.8	3.6	7.1	19.6	4.0	5.5	2.8	15.4
4.5kW or 6kW	3.5	4.0	4.2	8.1	25.4	4.0	5.0	3.4	17.0
	4.0	4.3	4.5	8.4	28.6	5.0	5.3	3.7	19.6



Three phase halogen heaters providing instant heat above industrial sewing machines

## Optional Accessories

Description	Model	Full Details
Optional Suspension Kit (4 hooks)	HSK	-
Switch for 1.5kW, 2kW and 3kW heaters: on/off only	CS-4	Page 76
Switch for 3kW vertical heaters: ½ heat, full heat settings	CS-2	Page 76
Switch for 4.5kW and 6kW heaters: full/¾/½ heat settings	CS-3	Page 76
Multi-Function Switch (controls up to 6 halogen heaters)	CS-6	Page 77
Dimmer (3kW max)	VR-2	Page 78
Push Button Timer (3kW max)	TS-6	Page 75
Push Button Timer (6kW max)	TS-7	Page 75
Movement Sensor (3kW max)	WH-402	Page 78

A Soft Start Relay can prolong lamp life – see page 79

**For multi-heater control see page 59-60**