

## HN INFRARED QUARTZ HALOGEN HEATERS

### What is an Infrared Quartz Halogen Heater?

A shortwave radiant heater which heats people directly not the surrounding air. As they are instantly effective, these heaters are ideal for spot heating areas within larger industrial premises and also heating intermittently used buildings like churches, village halls and schools.



### Key Features

- Replaceable halogen lamp with 7000 hours average operating life
- Wall bracket with 'up and down' and 'side to side' angle adjustment
- Can be suspended (optional suspension kit available)
- 1m power lead (2-core and earth)
- Magic Lamp option for reduced light output and zero-glare (M suffix)



#### Energy Saving Tip

Control with a TS-7 run down timer to avoid heating an unoccupied area.



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## Single Lamp Heaters

Model	kW	Finish	Lamp Glow
HN3-15	1.5	Ivory	Red
HN3-15B	1.5	Black	Red
HN3-15M	1.5	Ivory	Magic Lamp (zero glare)
HN3-15BM	1.5	Black	Magic Lamp (zero glare)
HN3-20	2.0	Ivory	Red
HN3-20B	2.0	Black	Red
HN3-20M	2.0	Ivory	Magic Lamp (zero glare)
HN3-20BM	2.0	Black	Magic Lamp (zero glare)

## Twin Lamp Heaters

Model	kW	Orientation	Finish	Lamp Glow
HN3-30	3.0	Vertical	Ivory	Red
HN3-30B	3.0	Vertical	Black	Red
HN3-30M	3.0	Vertical	Ivory	Magic Lamp (zero glare)
HN3-30BM	3.0	Vertical	Black	Magic Lamp (zero glare)
HN3-30L	3.0	Linear	Ivory	Red
HN3-30LB	3.0	Linear	Black	Red
HN3-30LM	3.0	Linear	Ivory	Magic Lamp (zero glare)
HN3-30LBM	3.0	Linear	Black	Magic Lamp (zero glare)




## Three Lamp Heaters

Model	kW	Finish	Lamp Glow
HN3-45	4.5	Ivory	Red
HN3-45B	4.5	Black	Red
HN3-45M	4.5	Ivory	Magic Lamp (zero glare)
HN3-45BM	4.5	Black	Magic Lamp (zero glare)
HN3-60	6.0	Ivory	Red
HN3-60B	6.0	Black	Red
HN3-60M	6.0	Ivory	Magic Lamp (zero glare)
HN3-60BM	6.0	Black	Magic Lamp (zero glare)

## Technical

Lamps	Volts	Dimensions (mm)			Weight (kg)
		H	W	D	
1	230	218	375	100	2.6
2 (vertical)	230	376	375	100	4.6
2 (linear)	230	218	788	100	4.6
3	230/400	536	375	100	6.3

## Accessories

Model	Description	Details
 HSK	Suspension kit (four hooks and locknuts)	-
 CS-4	Switch for 1.5kW, 2kW, 3kW heaters: on/off	Page 127
 CS-2	Switch for 3kW vertical heaters: ½ heat/full heat	Page 126
 CS-3	Switch for 4.5kW, 6kW heaters: ⅓ heat/ ⅔ heat/full heat	Page 126
 VR-2	Dimmer (3kW max)	Page 130
 TS-7	Push button timer (Light grey finish) (6kW max)	Page 124
 TS-7B	Push button timer (Black finish) (6kW max)	Page 124

For multi-heater installations we recommend our HC control box (see page 88-91)

## Replacement Lamps

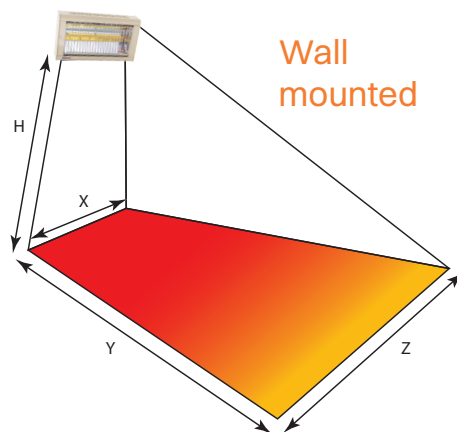
Model	kW	Glow
RL15GF	1.5	Red
RL15MF	1.5	Magic Lamp (zero glare)
RL20GF	2.0	Red
RL20MF	2.0	Magic Lamp (zero glare)

## Required W/m<sup>2</sup>

Purpose of heater	W/m <sup>2</sup> density required
Spot heat a specific area (e.g. a workstation)	250-300
Heat entire area (e.g. entire village hall)	150-200

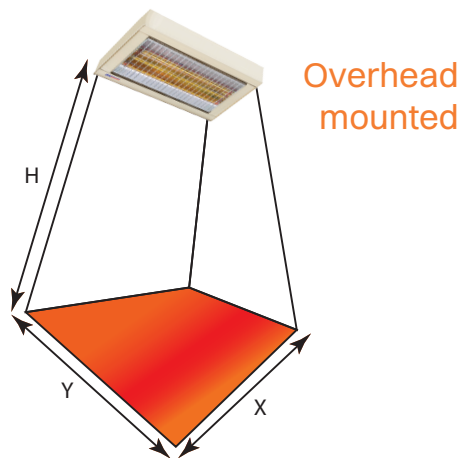
## Area Covered (wall mounted)

kW	H (m)	X (m)	Y (m)	Z (m)	m <sup>2</sup>
1.5 or 2.0	2.5	3.2	2.6	6.0	11.9
1.5 or 2.0	3.0	3.4	3.6	6.7	18.2
3.0 Vertical	3.0	3.7	3.6	7.0	19.2
3.0 Vertical	3.5	4.0	4.2	7.9	25.0
3.0 Linear	2.5	3.6	2.6	6.4	13.0
3.0 Linear	3.0	3.8	2.6	7.1	19.6
4.5 or 6.0	3.5	4.0	4.2	8.1	25.4
4.5 or 6.0	4.0	4.3	4.5	8.4	28.6



## Area Covered (overhead mounted)

kW	H (m)	X (m)	Y (m)	m <sup>2</sup>
1.5 or 2.0	3.0	3.0	2.0	6.0
1.5 or 2.0	3.5	3.3	2.3	7.6
3.0 Vertical	3.5	3.3	2.6	8.6
3.0 Vertical	4.0	5.0	3.1	15.5
3.0 Linear	3.5	3.8	2.6	9.9
3.0 Linear	4.0	5.5	2.8	15.4
4.5 or 6.0	4.0	5.0	3.4	17.0
4.5 or 6.0	5.0	5.3	3.7	19.6



## Play Centre

Location: Wirral, Merseyside

Installed: 8 x 4.5 Quartz Halogen Heaters, 6 x 3kW Quartz Halogen Heaters



## St Peters Church

Location: Pavenham, Bedfordshire

Installed: 12 x 3kW Quartz Halogen Heaters with Magic Lamps



## Snickers Distribution Centre

Location: South Coast

Installed: 2 x 1.5kW Quartz Halogen Heaters



## Distribution Centre

Location: Market Harborough, Leicestershire

Installed: 53 x 1.5kW Quartz Halogen Heaters with Magic Lamps



## Green Street Baptist Church

Location: Orpington, Kent

Installed: 8 x 3kW Quartz Halogen Heaters with Magic Lamps; 10 x 2kW Quartz Halogen Heaters with Magic Lamps





## Pharmacy Warehouse

Location: Croydon, South London

Installed: 10 x 4.5kW Quartz Halogen Heaters with Magic Lamps; 3 x HC3 Multi Heater Control Boxes