



INFRARED QUARTZ HALOGEN HEATERS



Function Heat people directly not the surrounding air
Heat targets within an otherwise unheated building
Instantly effective – ideal for intermittently used buildings

Applications Community halls
Churches
Workshops
Packing areas
Distribution centres
Warehouses

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)

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

continued

Accessories

	Model	Description	Details
	HSK	Suspension kit (four hooks and locknuts)	--
	CS-4	Switch for 1.5kW, 2kW, 3kW heaters: on/off	Page 124
	CS-2	Switch for 3kW vertical heaters: ½ heat/full heat	Page 124
	CS-3	Switch for 4.5kW, 6kW heaters: ⅓ heat/ ⅔ heat/full heat	Page 124
	VR-2	Dimmer (3kW max)	Page 127
	TS-7	Push button timer (6kW max)	Page 122
	WH-402	Movement sensor (3kW max)	Page 127

For multi-heater installations we recommend our HC control box (see page 92-95)

Replacement Lamps

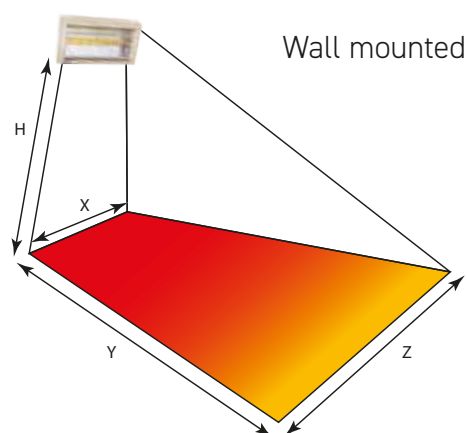
Model	kW	Glow
RL15GF	1.5	Red
RL15MF	1.5	Magic Lamp (zero glare)
RL20GF	2.0	Red
RL20MF	2.0	Magic Lamp (zero glare)

Required W/m²

	Heavy Work (W/m ²)	Light Work (W/m ²)	Spot Heating (W/m ²)
Highly Insulated	150	200	250
Insulated	175	225	250
Uninsulated	200	250	275
Light cladding	250	300	300
Badly insulated/damp	300	300	300

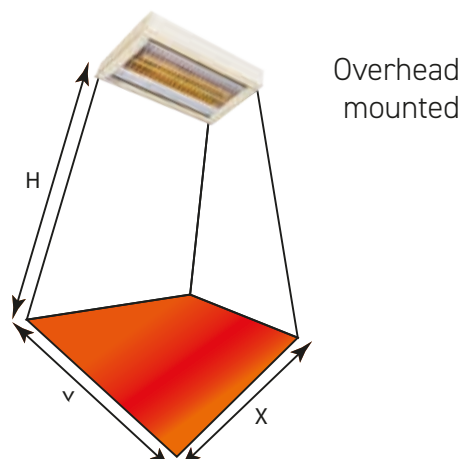
Area Covered (wall mounted)

kW	H (m)	X (m)	Y (m)	Z (m)	m ²
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 ²
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 Peter's Church

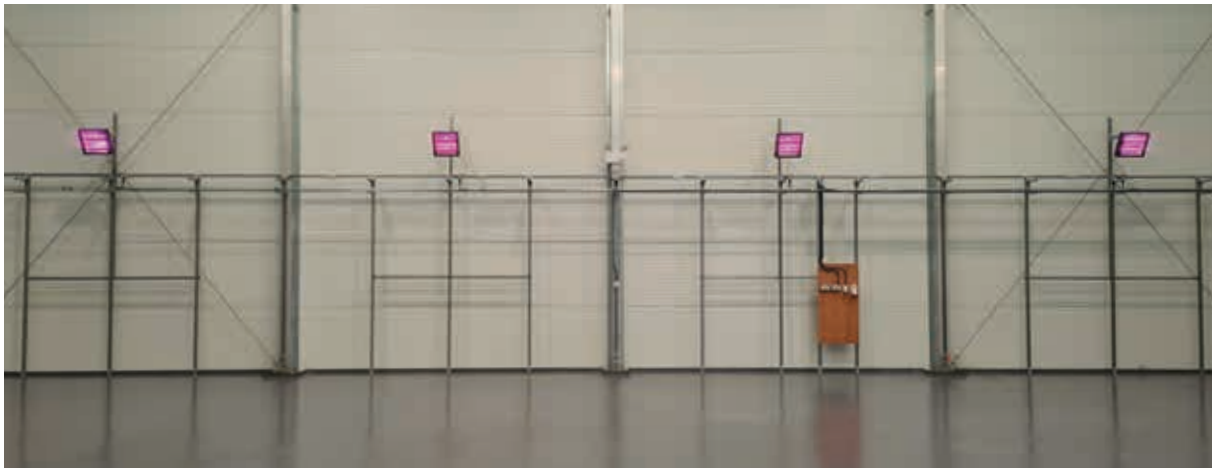
Location: Pavenham, Bedfordshire

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

Private Aircraft Hangar

Location: Norwich, Norfolk

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



Distribution Centre

Location: Market Harborough, Leicestershire

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