



BN thermic

commercial & industrial **Electric Heaters**



UK
Manufacturing

2026

Product Guide 2026

FAN HEATERS

	Ceiling Grid Heaters	SCH/XC	10-15
	Surface Mount Heaters	SMH/XS	16-21
	Overdoor Heaters	800 Series/XD	22-27
	Recessed Heaters	RH/XR	28-33
	Commercial Air Curtains	CA/XA	34-39
	Industrial Heaters	OUH	40-43
	Destratification Units	DSU	44-47

RADIANT HEATERS

	All Black Radiant Heaters	ETH	48-51
	Patio Heaters	HWP	52-57
	Quartz Halogen Heaters	HN/HXL	58-69
	Quartz Halogen Control Box	HC	70-73
	Ceramic Heaters	CH	74-77
	Ceiling Panels	RP	78-81
	Radiant Cassettes	ESP	82-85
	Longwave Heater Control Box	PC	86-89

CONVECTION HEATERS			Pew Heaters	PH	90-93
			Industrial Tubular Heaters	SWD	94-97
			ATEX Tubular Heaters	TX	98-99
110V HEATERS			110V Convector Heater	LC	100
			110V Tubular Heater	SWD	101
HEATING CABLES			Self-Regulating Cables	CRJ	102-105
			Pipe Freeze Kit	PW	106-107
UNDERFLOOR HEATING			Mats	M Series	108-109
			Cables	EHC	110-111
			Foil Mats	F Series	112-113
			Thermostats	Various	114-115
			Mirror Demister Pads	MD	116-117
CONTROLS			Thermostats	Various	118-130
			SystemX	Various	131
			Timers	Various	132-133
			Switches	Various	134-139
			Miscellaneous	Various	140-143

ABOUT US

BN Thermic Ltd

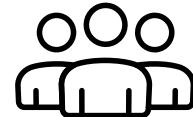
BN Thermic is a family-owned and operated UK manufacturer specialising in commercial and industrial electric heaters. Based at our headquarters in Crawley, West Sussex, we proudly distribute our products through electrical wholesalers across the UK. Our business is built on four core values — **quality, honesty, helpfulness, and attention to detail**. These principles guide everything we do, from product design to customer service.

Whether you're a **contractor, wholesaler, or end user**, our goal is simple: to supply **high-quality heaters** with **next-day delivery** and provide **expert design advice** to ensure the perfect heating solution for your project.



Quality

We manufacture and supply quality products. All our heaters are tested electrically and mechanically before leaving our premises.



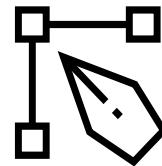
Honesty

BN Thermic is an independent family business that relies on repeat customers. Honesty is a key value to us.



Helpfulness

Our staff always look to help customers throughout the sales process from pre-construction right through to after sales.



Attention to Detail

From manufacturing products to designing heating schemes, attention to detail is at the core of BN Thermic.



UK Manufacturing

BN Thermic is a proud UK manufacturer



EcoVadis Bronze Medal

Awarded for proven commitment to reducing environmental impact

BN THERMIC TRAINING CENTRE

“

Add commercial and industrial heating to **your company's repertoire** through our **free** expert-led training courses. Our courses are designed to equip you with the knowledge you need to **excel and win** commercial & industrial heating projects.

There has never been a better time to promote electric heating. With an increasing number of businesses transitioning **from fossil fuels to renewable energy**, the demand for efficient, sustainable heating solutions is growing rapidly. By attending one of our training sessions, you will put yourself in a better position to **win commercial & industrial electric heating projects**.

How to book

Simply contact us via phone, email or WhatsApp stating a time/date that suits you best. Anyone in the office can book you in or you can book via your area sales manager. The training centre is open weekdays from 7am to 7pm.

Getting here

We are based in Crawley, West Sussex which is a stones throw from Gatwick Airport. Our HQ is just off the M23 motorway making us easy to reach from anywhere in the UK. We have ample onsite parking and our full address is below.

Duration

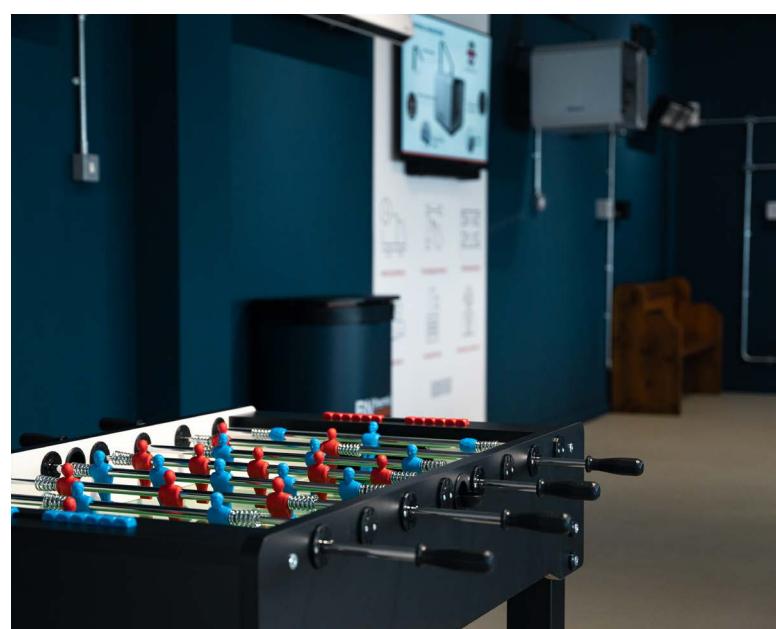
Training sessions usually last for 1-2 hours but we're happy to explore specific applications or technologies in more detail if needed. Drinks and refreshments are of course available throughout the day.

Group size

Training sessions can be tailored to individual needs, whether you prefer a one-on-one session for personalised guidance or a group setting for up to 24 people.

BN Thermic Ltd, 34 Stephenson Way, Crawley, RH10 1TN

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SPONSORSHIP



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SCH CEILING GRID HEATERS

What is a Ceiling Grid Heater?

A staple solution for space heating in commercial environments such as shops, cafes and schools. Our ceiling heaters are designed to save valuable wall space and fit seamlessly into standard 600 x 600 grid ceilings, providing discreet and efficient warmth exactly where it's needed.



Key Features

- Designed to rest in the T bar of a 600 x 600 suspended ceiling
- White egg-crate grille supplied with every heater
- Low profile design - only 200mm clearance required above grid
- Models with a 'T' suffix have adjustable electronic thermostat
- All heaters can be controlled via the CS-8, CS-9, CS-DT and CS-WIFI controllers due to some models having internal relays
- For multi-heater installations see SystemX (page 12-13)



Energy Saving Tip

Control with a 7-day programmable thermostat to keep your running costs to an absolute minimum.



SCH Ceiling Grid Fan Heaters

Model	kW	Built-in Thermostat	List Price
SCHG-30	3.0	No	£426.00
SCHG-30T	3.0	Yes	£615.00
SCHG-45R	4.5	No	£510.00
SCHG-60	6.0	No	£704.00

Controls

Description	Model	Details	List Price
Switch for single fan heater (on/off/high heat/low heat/fan only)	CS-8 NEW	Page 134	£75.00
Switch for two fan heaters (on/off/high heat/low heat/fan only)	CS-9 NEW	Page 134	£100.00
Electronic thermostat 16A with built-in CS-8 switch	CS-DT NEW	Page 135	£200.00
WiFi thermostat 16A with built-in CS-8 switch	CS-WIFI NEW	Page 135	£250.00
Electronic programmable thermostat 16A (recessed)*	RD16	Page 122	£71.00
Wi-Fi electronic thermostat 16A (recessed - free app)*	WD16	Page 123	£141.00
Adjustable room thermostat 16A	RST3-IN	Page 120	£65.00
Tamperproof room thermostat 16A	RST3-TP	Page 120	£87.00

*Tamperproof function available on these models

Technical

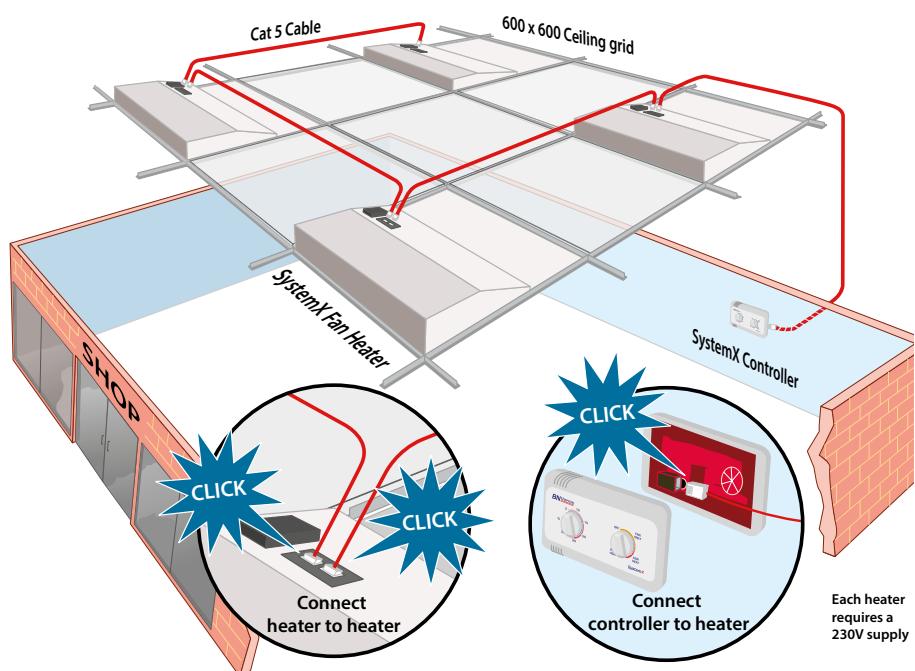
kW		Volts	Airflow (m³/h)	dB* @2m	Recommended Mounting Height(m)		Weight (kg)
High	Low				Min	Max	
3.0	2.0	230	245	54	2.4	3.0	9.0
4.5	2.25	230	345	59	3.0	4.5	10
6.0	4.0	230	490	55	2.4	3.0	13

*Noise levels are factory tested not laboratory tested

SystemX CEILING GRID FAN HEATERS

What is a **SystemX** Ceiling Grid Heater?

A staple solution for heating larger commercial spaces with 600 x 600 mm grid ceilings. Multiple SystemX ceiling grid heaters can be daisy-chained and controlled from a single, easy-to-use controller, as illustrated in the diagram below. All control connections are made using Cat5 cable, ensuring a quick, reliable, and error-free installation every time.



Key Features

- Control up to 12 heaters from a single point
- Designed to rest in the T bar of a 600 x 600 suspended ceiling
- White egg-crate grille supplied as standard
- Low profile design – only 200mm clearance required above grid
- All control connections by Cat5 cable for quick error-free installation
- Controllers do not require their own 230V supply
- BMS compatible using CX-BMS module
- Can be controlled in a group with any other model of SystemX heater



Energy Saving Tip

Control with a 7-day programmable thermostat to keep your running costs to an absolute minimum.



SystemX Ceiling Grid Fan Heaters

Model	kW	List Price
XC-30	3.0	£566.00
XC-45	4.5	£657.00
XC-60	6.0	£854.00

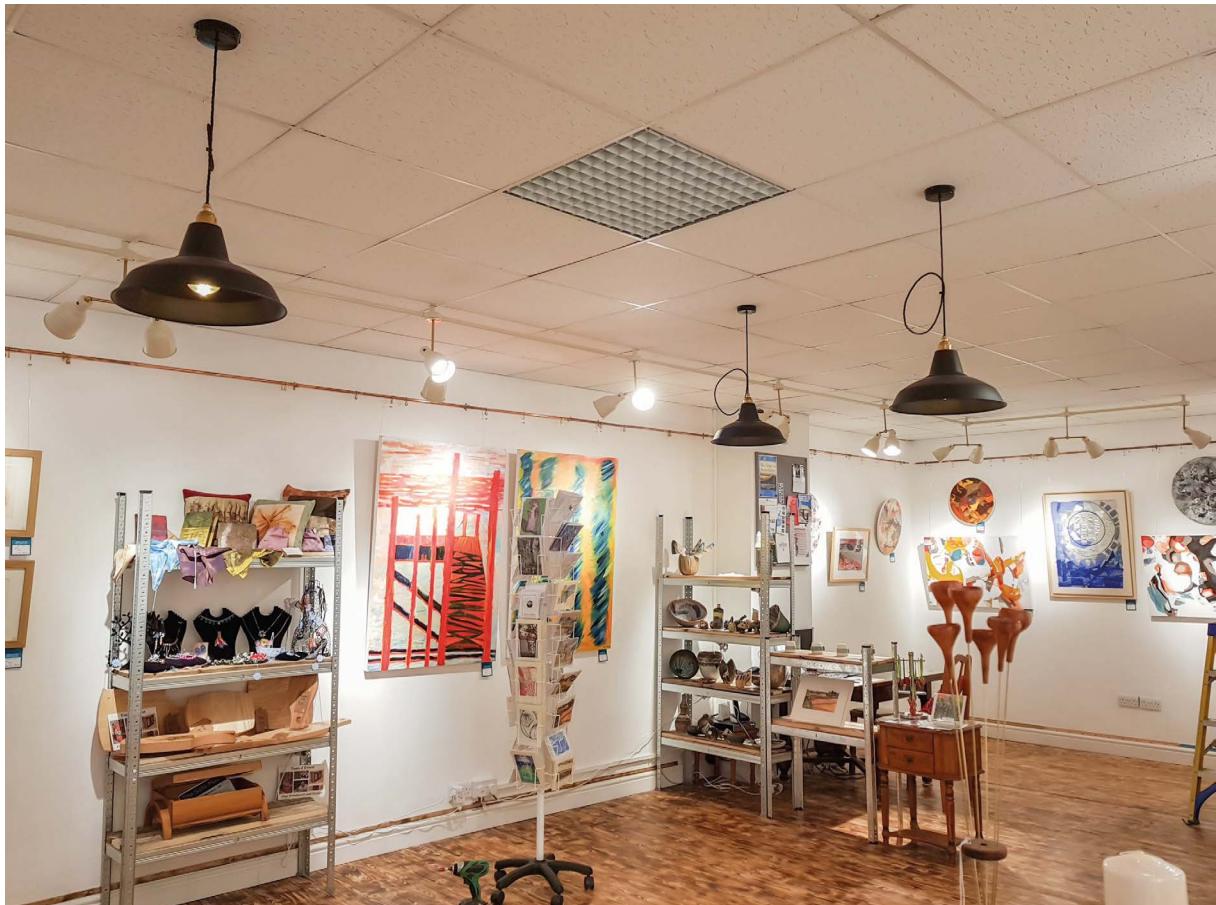
SystemX Control Components

	Description	Model	Details	List Price
	Controller with thermostat On/off/low/high/fan only settings	CX1	Page 131	£150.00
	Controller with tamper resistant thermostat On/off/low/high/fan only settings	CX2	Page 131	£154.00
	Controller - manual On/off/low/high/fan only settings	CX3	Page 131	£153.00
	Controller with digital programmable thermostat	CX6	Page 131	£264.00
	BMS module for use with volt-free signal	CX-BMS	Page 131	£143.00
	Optional remote sensor for use with CX1, CX2 or CX6 controllers	CXS	Page 131	£44.00
	Cat5 cable terminated 5m (white)	DX05	-	£10.00
	Cat5 cable terminated 10m (white)	DX10	-	£15.00
	Cat5 cable terminated 20m (white)	DX20	-	£23.00
	Cat5 cable joiner	JX1	-	£6.00

Technical

kW			Volts	Airflow (m ³ /h)	dB*@2m	Recommended Mounting Height(m)		Weight (kg)
	High	Low				Min	Max	
3.0	2.0	2.0	230	245	54	2.4	3.0	9.0
4.5	2.25	2.25	230	345	59	3.0	4.5	10
6.0	4.0	4.0	230	490	55	2.4	3.0	13

*Noise levels are factory tested not laboratory tested



Art Gallery

Location: Margate, Kent

Installed: 1 x 6kW Ceiling Grid Fan Heater



Supersport Ltd

Location: Tunstall, Stoke-on-Trent

Installed: 4 x 3kW Ceiling Grid Fan Heaters

SMH SURFACE MOUNT CEILING HEATERS

What is a Surface Mount Ceiling Heater?

A robust and reliable heater designed for space heating commercial premises with solid ceilings, such as shops, cafés, and schools. These ceiling heaters free up valuable wall space and can be surface-mounted or suspended, providing flexible installation options to suit any environment. Now available in a choice of black or white finishes for a sleek, modern appearance.



Key Features

- Compact design – only 152mm high
- Keyhole screw fixing or suspend from drop rods (M6 threaded holes provided)
- Models with a 'T' suffix have adjustable electronic thermostat
- All models can be controlled via the CS-8, CS-9, CS-DT and CS-WIFI controllers due to some heaters' having internal relays
- For multi-heater installations see SystemX (page 18-19)



Energy Saving Tip

Control with a 7-day programmable thermostat to keep your running costs to an absolute minimum.



SMH Surface Mount Ceiling Heaters

Model	kW	Finish	Built-in Thermostat	List Price
SMH-30	3.0	White	No	£445.00
SMH-30B	3.0	Black	No	£445.00
SMH-30T	3.0	White	Yes	£595.00
SMH-45R	4.5	White	No	£500.00
SMH-60	6.0	White	No	£736.00

Controls

	Description	Model	Details	List Price
	Switch for single fan heater (on/off/high heat/low heat/fan only)	CS-8 NEW	Page 134	£75.00
	Switch for two fan heaters (on/off/high heat/low heat/fan only)	CS-9 NEW	Page 134	£100.00
	Electronic thermostat 16A with built-in CS-8 switch	CS-DT NEW	Page 135	£200.00
	WiFi thermostat 16A with built-in CS-8 switch	CS-WIFI NEW	Page 135	£250.00
	Electronic programmable thermostat 16A (recessed)*	RD16	Page 122	£71.00
	Wi-Fi electronic thermostat 16A (recessed - free app)*	WD16	Page 123	£141.00
	Adjustable room thermostat 16A	RST3-IN	Page 120	£65.00
	Tamperproof room thermostat 16A	RST3-TP	Page 120	£87.00

*Tamperproof function available on these models

Technical

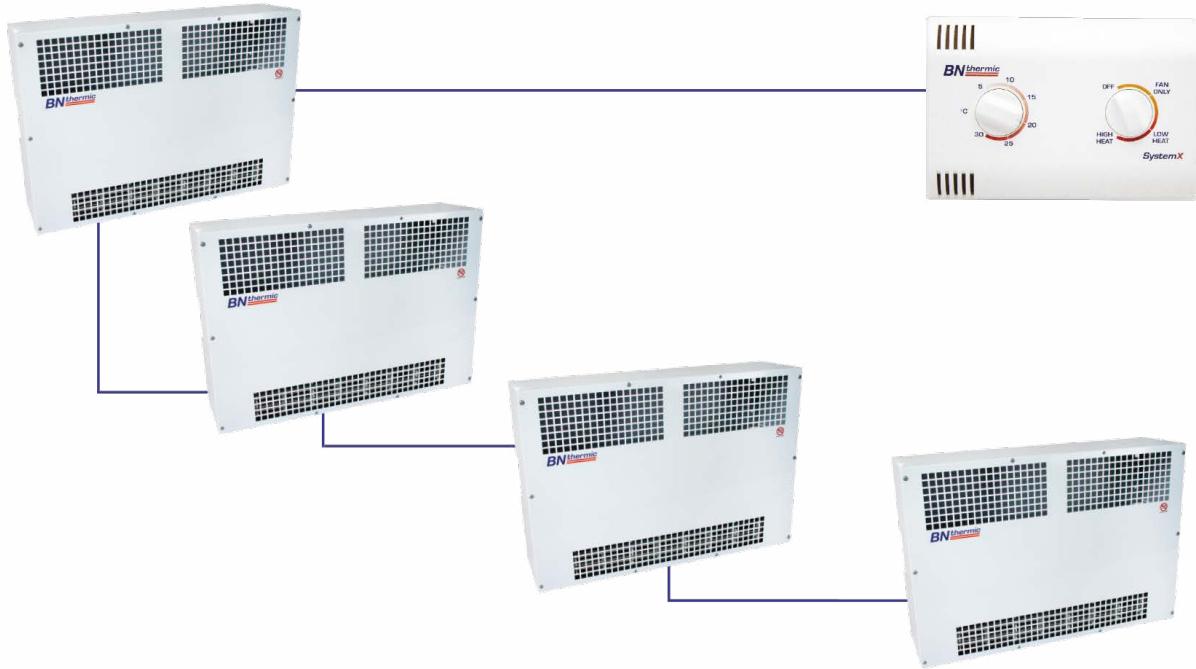
kW	High	Low	Volts	Airflow (m³/h)	dB*@2m	Recommended Mounting Height(m)		Dimensions(mm)			Weight (kg)
						Min	Max	W	D	H	
3.0	3.0	2.0	230	245	56	2.4	3.0	575	392	152	8.0
4.5	4.5	2.25	230	345	59	3.0	4.5	575	392	152	11.0
6.0	6.0	4.0	230	490	58	2.4	3.0	575	592	152	12.5

*Noise levels are factory tested not laboratory tested

SystemX SURFACE MOUNT HEATERS

What is a **SystemX** Surface Mount Ceiling Heater?

A robust and efficient heater designed for space heating larger commercial premises with solid ceilings. Multiple SystemX surface-mount ceiling heaters can be daisy-chained and controlled from a single, easy-to-use controller, as shown in the diagram below. All control connections use Cat5 cable, ensuring a fast, reliable, and error-free installation.



Key Features

- Control up to 12 heaters from a single point
- Compact design – only 152mm high
- Keyhole screw fixing or suspend from drop rods (M6 threaded holes provided)
- All control connections by Cat5 cable for super quick error-free installation
- Controllers do not require their own 230V supply
- BMS compatible using CX-BMS module
- Can be controlled in a group with any other model of SystemX heater



Energy Saving Tip

Control with a 7-day programmable thermostat to keep your running costs to an absolute minimum.



SystemX Surface Mount Ceiling Heaters

Model	kW	Finish	List Price
XS-30	3.0	White	£614.00
XS-30B	3.0	Black	£614.00
XS-45	4.5	White	£660.00
XS-60	6.0	White	£872.00

SystemX Control Components

	Description	Model	Details	List Price
	Controller with thermostat On/off/low/high/fan only settings	CX1	Page 131	£150.00
	Controller with tamper resistant thermostat On/off/low/high/fan only settings	CX2	Page 131	£154.00
	Controller - manual On/off/low/high/fan only settings	CX3	Page 131	£153.00
	Controller with digital programmable thermostat	CX6	Page 131	£264.00
	BMS module for use with volt-free signal	CX-BMS	Page 131	£143.00
	Optional remote sensor for use with CX1, CX2 or CX6 controllers	CXS	Page 131	£44.00
	Cat5 cable terminated 5m (white)	DX05	-	£10.00
	Cat5 cable terminated 10m (white)	DX10	-	£15.00
	Cat5 cable terminated 10m (black)	DX10B	-	£15.00
	Cat5 cable terminated 20m (white)	DX20	-	£23.00
	Cat5 cable joiner	JX1	-	£6.00

Technical

kW	High	Low	Volts	Airflow (m³/h)	dB*@2m	Recommended Mounting Height(m)		Dimensions(mm)			Weight (kg)
						Min	Max	W	D	H	
3.0	2.0	230	230	245	56	2.4	3.0	575	392	152	8.0
4.5	2.25	230	230	345	59	3.0	4.5	575	392	152	11.0
6.0	4.0	230	230	490	58	2.4	3.0	575	592	152	12.5

*Noise levels are factory tested not laboratory tested



Stores Area

Location: Swansea, Wales

Installed: 2 x 3kW Surface Mount Fan Heater in black finish



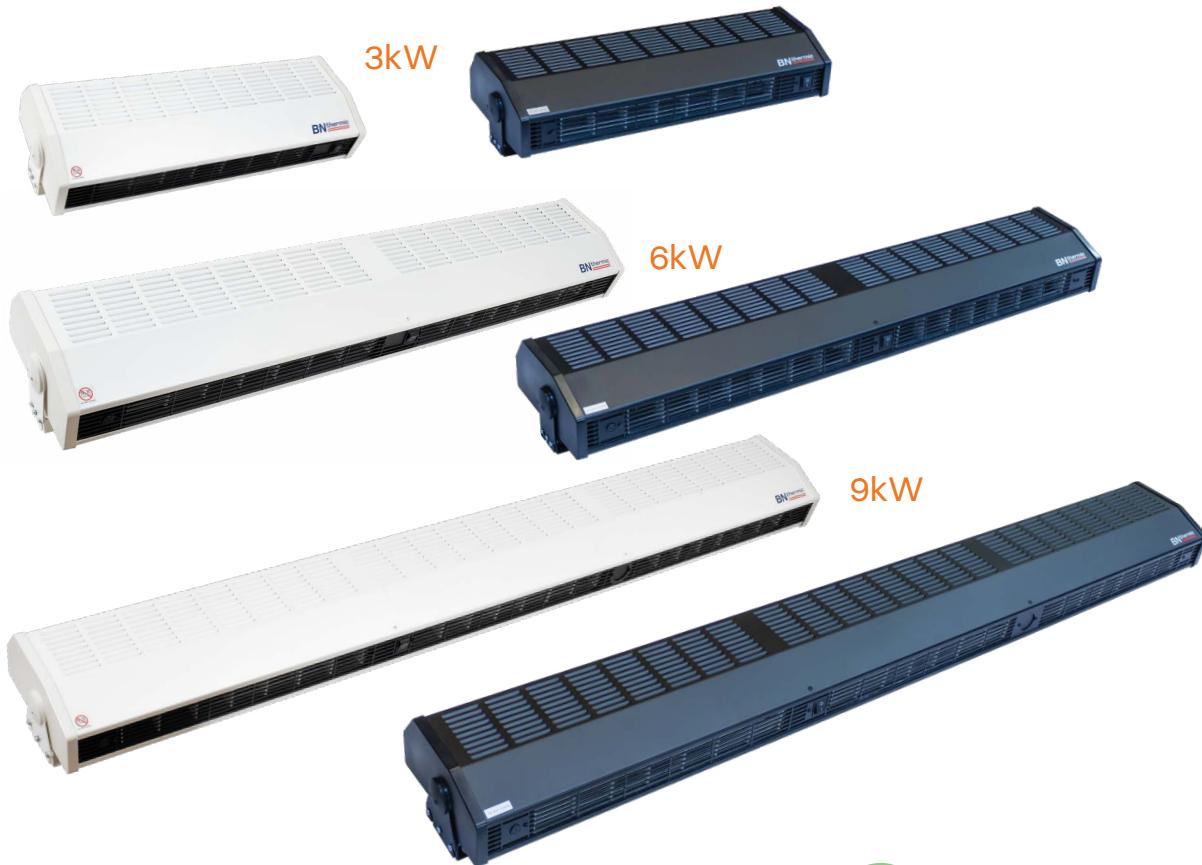
The Rural Auction Centre

Location: Milnthorpe, Cumbria
Installed: 7 x 6kW Surface Mount Ceiling Heaters

800 SERIES OVERDOOR HEATERS

What is an Overdoor Heater?

A discreet and effective heater designed to sit above doorways, creating a warm welcome for staff and customers in commercial spaces such as shops, cafes and entrance areas. Proudly UK-manufactured, these units are now available in a choice of black or white finishes, offering both style and performance in equal measure.



Key Features

- Dual function bracket for overdoor or space heating (overdoor only for 9kW heater)
- M8 threaded holes for drop rod suspension
- Models with a 'T' suffix have adjustable electronic thermostat
- All heaters can be controlled via the CS-8, CS-9, CS-DT and CS-WIFI controllers due to some models having internal relays
- For multi-heater installations see SystemX (page 24-25)



Energy Saving Tip

Installing a CS-8 switch gives you a low heat option which reduces your electricity consumption (ideal for warmer months).



800 Series Overdoor Heaters - White Finish

Model	kW	Finish	Built in thermostat	List Price
830	3	White	No	£425.00
830T	3	White	Yes	£559.00
860	6	White	No	£685.00
860T	6	White	Yes	£833.00
890	9	White	No	£1,090.00
890T	9	White	Yes	£1,219.00

800 Series Overdoor Heaters - Black Finish

Model	kW	Finish	Built in thermostat	List Price
830B	3	Black	No	£425.00
830TB	3	Black	Yes	£559.00
860B	6	Black	No	£685.00
860TB	6	Black	Yes	£833.00
890B	9	Black	No	£1,090.00
890TB	9	Black	Yes	£1,219.00

Controls

	Description	Model	Details	List Price
	Switch for single fan heater (on/off/high heat/low heat/fan only)	CS-8 NEW	Page 134	£75.00
	Switch for two fan heaters (on/off/high heat/low heat/fan only)	CS-9 NEW	Page 134	£100.00
	Electronic thermostat 16A with built-in CS-8 switch	CS-DT NEW	Page 135	£200.00
	WiFi thermostat 16A with built-in CS-8 switch	CS-WIFI NEW	Page 135	£250.00
	Adjustable room thermostat 16A	RST3-IN	Page 120	£65.00
	Tamperproof room thermostat 16A	RST3-TP	Page 120	£87.00

*Tamperproof function available on these models

Technical

kW		Volts	Airflow (m³/h)	dB* @2m	Recommended Mounting Height(m)		Dimensions(mm)			Weight (kg)
High	Low				Min	Max	W	D	H	
3.0	2.0	230	245	49	1.8	3.0	635	108	225	7.0
6.0	4.0	230	490	54.4	1.8	3.0	1105	108	225	11.5
9.0	6.0	230 or 400/3N	735	56	1.8	3.0	1620	108	225	17

*Noise levels are factory tested not laboratory tested

SystemX OVERDOOR HEATERS

What is a **SystemX** Overdoor Heater?

A discreet and efficient heater designed to fit above doorways, creating a warm welcome for staff and customers in commercial spaces such as shops, cafés, and entrance areas. Multiple SystemX overdoor heaters can be daisy-chained and controlled from a single, easy-to-use controller, as shown in the diagram below. All control connections are made using Cat5 cable, ensuring a fast, reliable, and error-free installation.



Key Features

- Control up to 12 heaters from a single point
- Dual function bracket for overdoor or space heating (overdoor only for 9kW heater)
- M8 threaded holes for drop rod suspension
- All control connections by Cat5 cable for super quick error-free installation
- Controllers do not require their own 230V supply
- BMS compatible using CX-BMS module
- Can be controlled in a group with any other model of SystemX heater



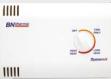
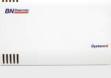
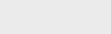
Energy Saving Tip

Installing a CX1, 2, 3 or 6 controller gives you a low heat option which reduces your electricity consumption (ideal for warmer months).

SystemX Overdoor Heaters

Model	kW	Finish	List Price
XD-30	3	White	£639.00
XD-60	6	White	£930.00
XD-90	9	White	£1,214.00

SystemX Control Components

	Description	Model	Details	List Price
	Controller with thermostat On/off/low/high/fan only settings	CX1	Page 131	£150.00
	Controller with tamper resistant thermostat On/off/low/high/fan only settings	CX2	Page 131	£154.00
	Controller - manual On/off/low/high/fan only settings	CX3	Page 131	£153.00
	Controller with digital programmable thermostat	CX6	Page 131	£264.00
	BMS module for use with volt-free signal	CX-BMS	Page 131	£143.00
	Optional remote sensor for use with CX1, CX2 or CX6 controllers	CXS	Page 131	£44.00
	Cat5 cable terminated 5m (white)	DX05	-	£10.00
	Cat5 cable terminated 10m (white)	DX10	-	£15.00
	Cat5 cable terminated 20m (white)	DX20	-	£23.00
	Cat5 cable joiner	JX1	-	£6.00

Technical

kW	High	Low	Volts	Airflow (m³/h)	dB*@2m	Recommended Mounting Height(m)		Dimensions(mm)			Weight (kg)
						Min	Max	W	D	H	
3.0	2.0	2.0	230	245	49	1.8	3.0	635	108	225	7.0
6.0	4.0	4.0	230	490	54.4	1.8	3.0	1105	108	225	11.5
9.0	6.0	6.0	230 or 400/3N	735	56	1.8	3.0	1620	108	225	17

*Noise levels are factory tested not laboratory tested



Brewdog

Location: Central London

Installed: 1 x 6kW Overdoor Heater in black finish



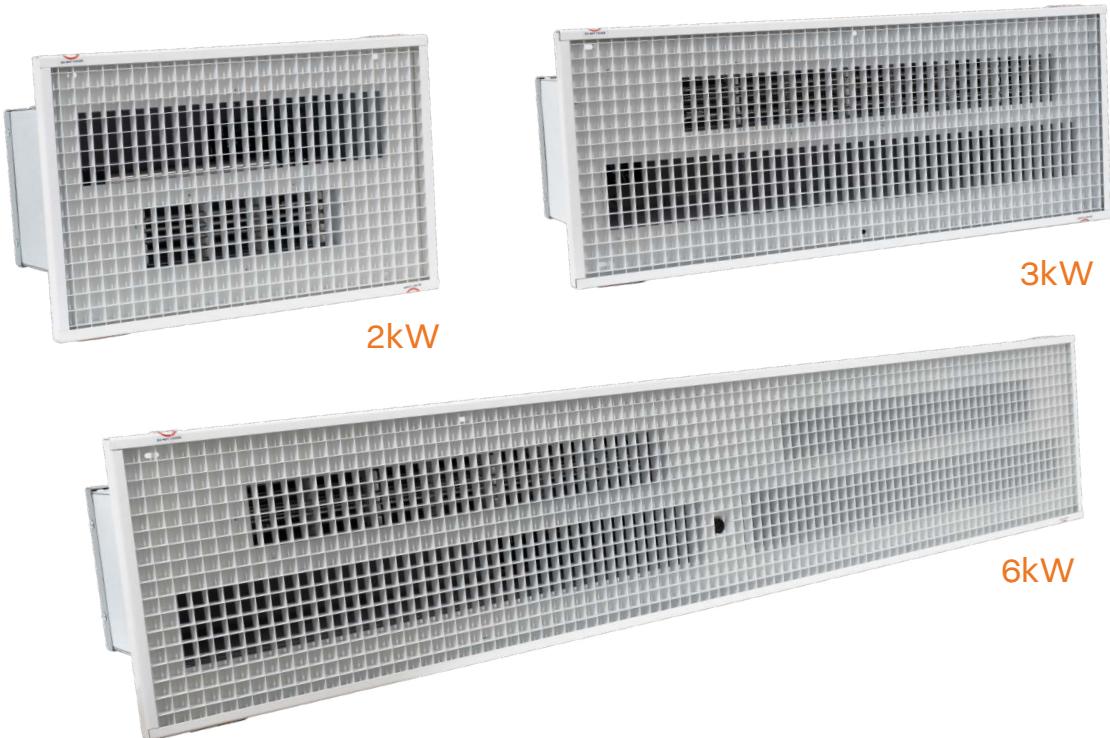
The Original Factory Shop

Location: Llandudno, Wales
Installed: 1 x 6kW Overdoor Heater

RH RECESSED FAN HEATERS

What is a Recessed Fan Heater?

A discreet heater designed to sit within plasterboard ceilings, creating a warm welcome for staff and customers in commercial spaces such as shops, cafes and entrance areas. These recessed ceiling heaters free up valuable wall space and require only a shallow 200 mm clearance above the ceiling, making them ideal for installations where space is limited.



Key Features

- Air inlet and outlet through front panel
- Simple fixing through front face of heater
- Only 200mm clearance required above ceiling
- All heaters can be controlled via the CS-8, CS-9, CS-DT and CS-WIFI controllers due to some models having internal relays
- For multi-heater installations see SystemX (page 30-31)



Energy Saving Tip

Installing a CS-8 switch gives you a low heat option which reduces your electricity consumption (ideal for warmer months).



RH Recessed Fan Heaters

Model	kW	List Price
RH-20	2.0	£354.00
RH-30	3.0	£468.00
RH-60	6.0	£862.00

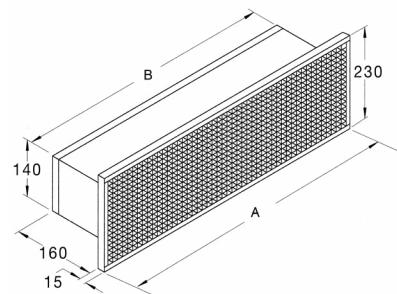
Controls

	Description	Model	Details	List Price
	Switch for single fan heater (on/off/high heat/low heat/fan only)	CS-8 NEW	Page 134	£75.00
	Switch for two fan heaters (on/off/high heat/low heat/fan only)	CS-9 NEW	Page 134	£100.00
	Electronic thermostat 16A with built-in CS-8 switch	CS-DT NEW	Page 135	£200.00
	WiFi thermostat 16A with built-in CS-8 switch	CS-WIFI NEW	Page 135	£250.00
	Electronic programmable thermostat 16A (recessed)*	RD16	Page 122	£71.00
	Wi-Fi electronic thermostat 16A (recessed - free app)*	WD16	Page 123	£141.00
	Adjustable room thermostat 16A	RST3-IN	Page 120	£65.00
	Tamperproof room thermostat 16A	RST3-TP	Page 120	£87.00

*Tamperproof function available on these models

Dimensions

kW	A (mm)	B (mm)	Aperture Size (mm)	Insert Clearance (mm)
2.0	363	307	315 x 150	200
3.0	597	550	560 x 150	200
6.0	1198	1138	1148 x 150	200



Technical

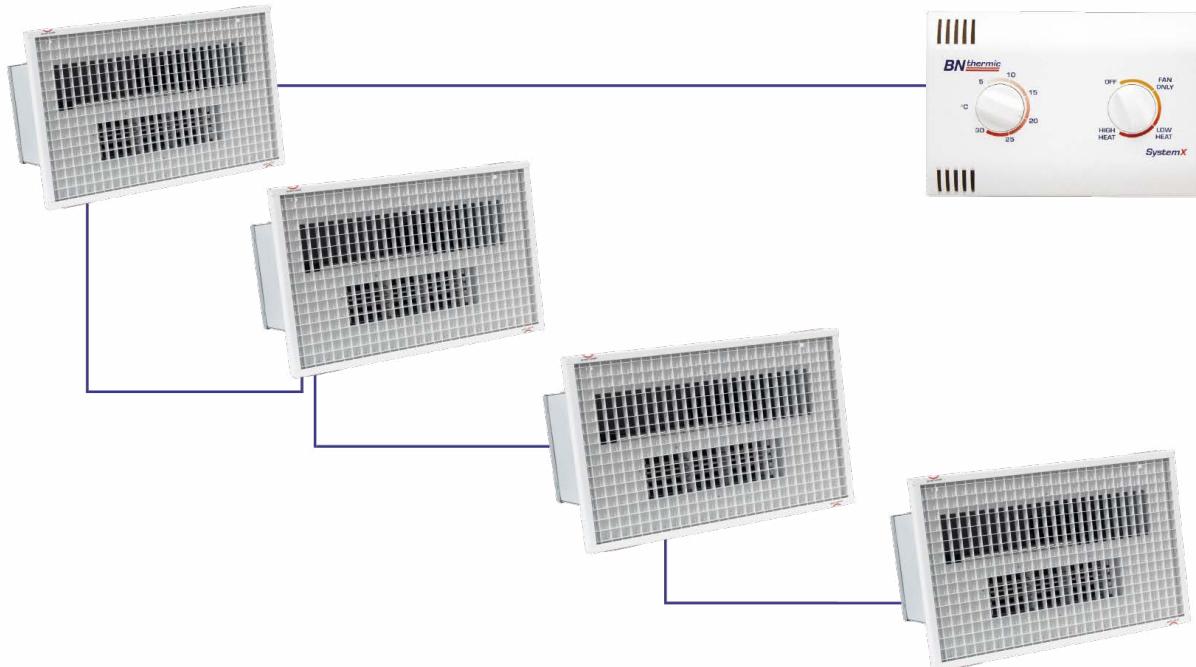
kW	Volts		Airflow (m³/h)	dB* @2m	Recommended Mounting Height (m)		Weight (kg)
	High	Low			Min	Max	
2.0	1.0	230	132	47.5	1.8	2.4	4.0
3.0	2.0	230	245	54	1.8	3.0	6.0
6.0	4.0	230	490	55.7	1.8	3.0	12

*Noise levels are factory tested not laboratory tested

SystemX RECESSED FAN HEATERS

What is a **SystemX** Recessed Fan Heater?

A discreet and efficient heater designed to fit within plasterboard ceilings, creating a warm and welcoming environment in commercial premises such as shops, cafes and schools. Multiple SystemX recessed ceiling heaters can be daisy-chained and controlled from a single, easy-to-use controller, providing a simple and scalable heating solution. All control connections are made using Cat5 cable, ensuring a fast, reliable, and error-free installation.



Key Features

- Control up to 12 heaters from a single point
- Air inlet and outlet through front panel
- Simple fixing through front face of heater
- Only 200mm clearance required above ceiling
- All control connections by Cat5 cable for quick error-free installation
- Controllers do not require their own 230V supply
- BMS compatible using CX-BMS module
- Can be controlled in a group with any other model of SystemX heater



Energy Saving Tip

Installing a CX1, 2, 3 or 6 controller gives you a low heat option which reduces your electricity consumption (ideal for warmer months).



SystemX Recessed Heaters

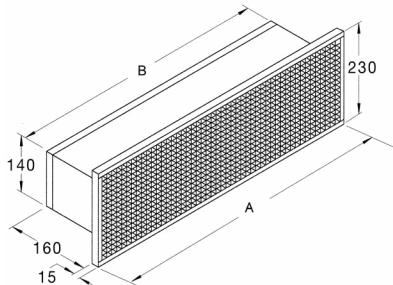
Model	kW	List Price
XR-20	2.0	£519.00
XR-30	3.0	£591.00
XR-60	6.0	£1,001.00

SystemX Control Components

	Description	Model	Details	List Price
	Controller with thermostat On/off/low/high/fan only settings	CX1	Page 131	£150.00
	Controller with tamper resistant thermostat On/off/low/high/fan only settings	CX2	Page 131	£154.00
	Controller - manual On/off/low/high/fan only settings	CX3	Page 131	£153.00
	Controller with digital programmable thermostat	CX6	Page 131	£264.00
	BMS module for use with volt-free signal	CX-BMS	Page 131	£143.00
	Optional remote sensor for use with CX1, CX2 or CX6 controllers	CXS	Page 131	£44.00
	Cat5 cable terminated 5m (white)	DX05	-	£10.00
	Cat5 cable terminated 10m (white)	DX10	-	£15.00
	Cat5 cable terminated 20m (white)	DX20	-	£23.00
	Cat5 cable joiner	JX1	-	£6.00

Dimensions

kW	A (mm)	B (mm)	Aperture Size (mm)	Insert Clearance (mm)
2.0	363	307	315 x 150	200
3.0	597	550	560 x 150	200
6.0	1198	1138	1148 x 150	200



Technical

kW	Volts	Airflow (m³/h)	dB* @2m	Recommended Mounting Height (m)		Weight (kg)	
				High	Low		
2.0	1.0	230	132	47.5	1.8	2.4	4.0
3.0	2.0	230	245	54	1.8	3.0	6.0
6.0	4.0	230	490	55.7	1.8	3.0	12

*Noise levels are factory tested not laboratory tested



Mind Charity Shop

Location: Camden, London

Installed: 3 x 3kW Recessed Heaters



Charity Shop

Location: Tunbridge Wells, Kent

Installed: 1 x 6kW Recessed Heater

CA COMMERCIAL AIR CURTAINS

What is a Commercial Air Curtain?

A discreet heater designed to fit above doorways, helping to reduce heat loss from 'open door' commercial spaces such as shops, cafes and entrance areas. Commercial air curtains deliver a higher air velocity than standard overdoor heaters, creating a more effective air screen that maintains indoor comfort while minimising energy loss.



Key Features

- Bracket for wall or ceiling mounting
- M8 threaded holes for drop rod suspension
- All heaters can be controlled via the CS-8, CS-9, CS-DT and CS-WIFI controllers due to some models having internal relays
- For multi air curtain installations see SystemX (page 36-37)



Energy Saving Tip

Installing a CS-8 switch gives you a low heat option which reduces your electricity consumption (ideal for warmer months).



CA Commercial Air Curtains

Model	kW	Length (mm)	List Price
CAS-30	3.0	635	£612.00
CAD-60	6.0	1105	£940.00
CAD-90	9.0	1105	£976.00
CAT-90	9.0	1620	£1,169.00
CAT-135	13.5	1620	£1,288.00
CAH-180	18.0	2085	£1,721.00

Controls

	Description	Model	Details	List Price
	Switch for single fan heater (on/off/high heat/low heat/fan only)	CS-8 NEW	Page 134	£75.00
	Switch for two fan heaters (on/off/high heat/low heat/fan only)	CS-9 NEW	Page 134	£100.00
	Electronic thermostat 16A with built-in CS-8 switch	CS-DT NEW	Page 135	£200.00
	WiFi thermostat 16A with built-in CS-8 switch	CS-WIFI NEW	Page 135	£250.00
	Adjustable room thermostat 16A	RST3-IN	Page 120	£65.00
	Tamperproof room thermostat 16A	RST3-TP	Page 120	£87.00

*Tamperproof function available on these models

Technical

Model	kW		Volts	Airflow (m³/h)	dB* @2m	Recommended Mounting Height(m)		Dimensions (mm)			Weight (kg)
	High	Low				Min	Max	W	D	H	
CAS-30	3.0	2.0	230	345	60	2.5	3.5	635	108	225	8.5
CAD-60	6.0	4.0	230	690	61	2.5	3.5	1105	108	225	13.5
CAD-90	9.0	4.5	230	690	61	2.5	3.5	1105	108	225	13.5
CAT-90	9.0	6.0	230 or 400/3N	1035	61	2.5	3.5	1620	108	225	19
CAT-135	13.5	6.75	400/3N	1035	61	2.5	3.5	1620	108	225	19
CAH-180	18.0	12.0	400/3N	1440	66	2.5	3.5	2085	108	225	22.5

*Noise levels are factory tested not laboratory tested

SystemX COMMERCIAL AIR CURTAINS

What is a **SystemX** Commercial Air Curtain?

A discreet heater designed to fit above doorways, helping to reduce heat loss from 'open door' commercial spaces such as shops, cafes and entrance areas. Multiple SystemX commercial air curtains can be daisy-chained and controlled from a single, easy-to-use controller, providing a simple and scalable heating solution. All control connections are made using Cat5 cable, ensuring a fast, reliable, and error-free installation.



Key Features

- Control up to 12 air curtains from a single point
- Bracket for wall or ceiling mounting
- M8 threaded holes for drop rod suspension
- All control connections by Cat5 cable for super quick error-free installation
- Controllers do not require their own 230V supply
- BMS compatible using CX-BMS module
- Can be controlled in a group with any other model of SystemX heater



Energy Saving Tip

Installing a CX1, 2, 3 or 6 controller gives you a low heat option which reduces your electricity consumption (ideal for warmer months).



SystemX Commercial Air Curtains

Model	kW	Length (mm)	List Price
XAS-30	3.0	635	£741.00
XAD-60	6.0	1105	£1,070.00
XAD-90	9.0	1105	£1,124.00
XAT-90	9.0	1620	£1,316.00
XAT-135	13.5	1620	£1,514.00
XAH-180	18.0	2085	£2,096.00

SystemX Control Components

	Description	Model	Details	List Price
	Controller with thermostat On/off/low/high/fan only settings	CX1	Page 131	£150.00
	Controller with tamper resistant thermostat On/off/low/high/fan only settings	CX2	Page 131	£154.00
	Controller - manual On/off/low/high/fan only settings	CX3	Page 131	£153.00
	Controller with digital programmable thermostat	CX6	Page 131	£264.00
	BMS module for use with volt-free signal	CX-BMS	Page 131	£143.00
	Optional remote sensor for use with CX1, CX2 or CX6 controllers	CXS	Page 131	£44.00
	Cat5 cable terminated 5m (white)	DX05	-	£10.00
	Cat5 cable terminated 10m (white)	DX10	-	£15.00
	Cat5 cable terminated 20m (white)	DX20	-	£23.00
	Cat5 cable joiner	JX1	-	£6.00

Technical

Model	kW		Volts	Airflow (m³/h)	dB* @2m	Recommended Mounting Height(m)		Dimensions (mm)			Weight (kg)
	High	Low				Min	Max	W	D	H	
XAS-30	3.0	2.0	230	345	60	2.5	3.5	635	108	225	8.5
XAD-60	6.0	4.0	230	690	61	2.5	3.5	1105	108	225	13.5
XAD-90	9.0	4.5	230	690	61	2.5	3.5	1105	108	225	13.5
XAT-90	9.0	6.0	230 or 400/3N	1035	61	2.5	3.5	1620	108	225	19
XAT-135	13.5	6.75	400/3N	1035	61	2.5	3.5	1620	108	225	19
XAH-180	18.0	12.0	400/3N	1440	66	2.5	3.5	2085	108	225	23

*Noise levels are factory tested not laboratory tested



M3 Service Station

Location: Hampshire

Installed: 1 x 9kW Commercial Air Curtain



Bedford Timber Supplies

Location: Bedford

Installed: 1 x 13.5kW Commercial Air Curtain

OUH INDUSTRIAL FAN HEATERS

What is an Industrial Fan Heater?

Our durable and dependable industrial fan heaters provide efficient heating for large industrial spaces. Hand-assembled in the UK, each unit comes with a 5-year warranty and is now available with user friendly Wi-Fi controls.



Key Features

- FIVE YEAR WARRANTY
- Robust all-steel construction
- Bracket for wall or ceiling mounting and hooks for vertical suspension (The OUH3-40 can only be hung from 10mm drop rods)
- Built-in adjustable thermostat plus over temperature and heat purge devices
- Fitted with fused control circuit and contactor
- Optional switch provides on/off/fan only settings
- Remote-mounted programmable thermostats available
- Up to 16 heaters can be connected together and controlled from a single controller



Energy Saving Tip

Installing a destratification unit can reduce your heating bill by up to 30% (see page 40).



OUH Industrial Fan Heaters

Model	kW	List Price
OUH3-03	3.0	£1,274.00
OUH3-06	6.0	£1,330.00
OUH3-09	9.0	£1,435.00
OUH3-15	15	£1,984.00
OUH3-20	20	£2,128.00
OUH3-25	25	£2,163.00
OUH3-40 NEW	40	£3,242.00

Control and Accessories

	Description	Model	Details	List Price
	Switch (On/off/fan only)	OUH3-S	Page 137	£86.00
	Programmable wall-mounted thermostat + Fan Only override for OUH3 industrial fan heaters	OUH3-DT	Page 130	£166.00
	Programmable / WiFi wall-mounted thermostat + fan only override for OUH3 industrial fan heaters	OUH3-WIFI	Page 130	£227.00
	Optional remote air sensor for OUH3-DT or OUH3-WIFI	CXS	Page 131	£44.00
	Mechanical frost thermostat. Overrides other thermostats and OUH3-S switch	FST-RS	Page 121	£149.00
	Industrial tamperproof room thermostat	RST-RS	Page 120	£154.00
	Suspension kit for OUH3 heaters (four hooks and locknuts) (Do not use with the OUH3-40)	OUH3-HK	-	£13.00

Technical

Model	Volts	Airflow (m ³ /h)	dB* @2m	W	D	H	Weight (kg)
OUH3-03	230	1100	53	435	405	320	18
OUH3-06	230	1100	53	435	405	320	18
OUH3-09	400/3N	1100	53	435	405	320	18.5
OUH3-15	400/3N	3150	61	565	485	445	37
OUH3-20	400/3N	3150	61	565	485	445	37.5
OUH3-25	400/3N	3150	61	565	485	445	38.5
OUH3-40	400/3N	5600	66	642	765	582	56

*Noise levels are factory tested not laboratory tested

Where roof height exceeds 4m we recommend using our DSU destratification units (see pages 44-45).

CASE STUDY



Maranello Ferrari

Location: Egham, Surrey

Installed: 2 x 20kW Industrial Fan Heaters



Quaife Engineering Ltd

Location: Sevenoaks, Kent

Installed: 2 x 25kW Industrial Fan Heaters; 3 x 10kW Industrial Fan Heaters

DSU DESTRATIFICATION UNITS

What is a Destratification Unit?

Destratification units are large fans that are suspended from ceilings in tall industrial buildings. As warm air rises and accumulates at high level, destratification units are designed to push that warm air downwards which can save you up to 30% off your heating bill.



Key Features

- 5 YEAR WARRANTY
- Built-in thermostat automatically energises fan
- Robust all-steel construction
- Suspension kit provided (500mm chains and associated hooks)
- Optional fan speed regulator recommended to limit noise/draught



Energy Saving Tip

Save up to 30% off your heating bill by installing a destratification unit.

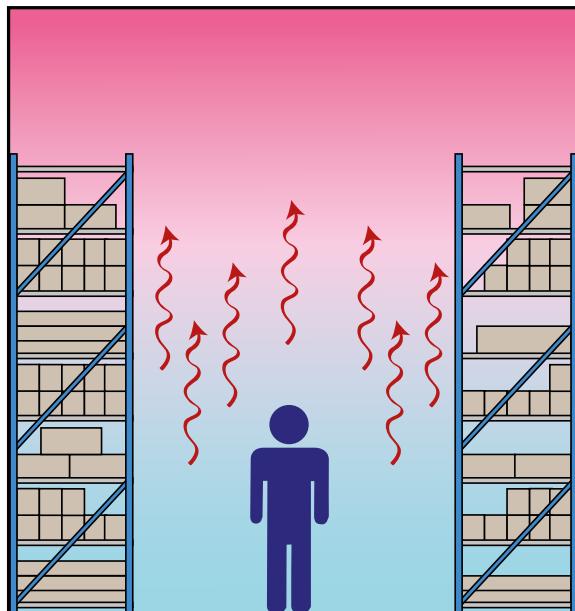
DSU Destratification Units

Model	Description	Details	List Price
DSU3-25 NEW	Destratification unit (roof 2.5-4m)	-	£672.00
DSU3-40	Destratification unit (roof 4-7m)	-	£964.00
DSU3-45	Destratification unit (roof 7-10m)	-	£1,019.00
DSU3-50 NEW	Destratification unit (roof 10-15m)	-	£1,214.00
DSU-2R NEW	Fan speed regulator for DSU-40 & DSU-50 (each unit requires its own regulator)	Page 143	£184.00
DSU-3R NEW	Fan speed regulator for DSU-25 & DSU-45 (each unit requires its own regulator)	Page 143	£184.00

Technical

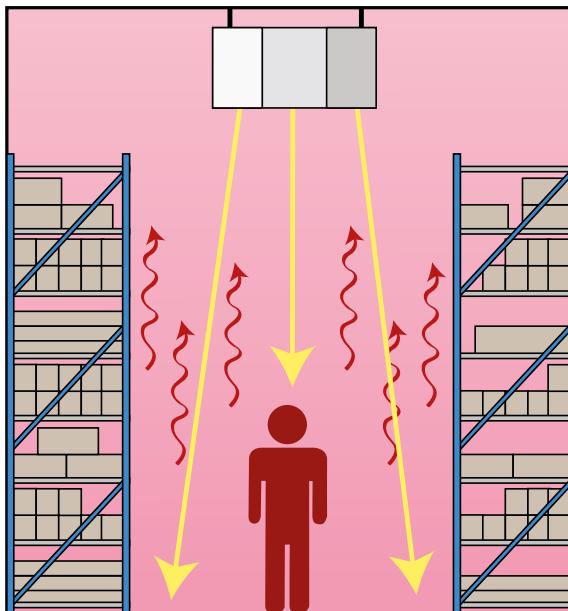
Model	Volts	Airflow (m³/h)	Fan Motor (W)	Roof Height (m)	Area Covered (m)	dB* @ 5m	Dimensions (mm)			Weight (kg)
							H	W	D	
DSU3-25	230	1100	55	2.5-4	10 x 10	60	193	365	365	6.9
DSU3-40	230	3800	180	4-7	18 x 18	59	300	600	600	18
DSU3-45	230	5600	240	7-10	20 x 20	60	300	600	600	20
DSU3-50	230	7650	380	10-15	25 x 25	66	300	600	600	22

*Noise levels are factory tested not laboratory tested



Without DSU3

Warm air accumulates at high level



With DSU3

Warm air is recycled reducing heating costs by up to 30%

CASE STUDY



Allon White Sports Cars

Location: Cranfield, Bedfordshire

Installed: 1 x destratification unit; 2 x 20kW industrial fan heater



Industrial Unit

Location: Plymouth, Devon

Installed: 1 x destratification unit; 2 x 25kW industrial fan heaters; 1 x DSU-2R fan speed regulator

ETH 'ALL BLACK' RADIANT HEATERS

What is an 'All Black' Terrace Heater?

A discreet longwave radiant heater that delivers comfortable warmth without any light output. Ideal for heating enclosed or semi-enclosed indoor spaces such as food courts, conservatories, and orangeries.



Key Features

- Sophisticated 'all black' design
- IP44 rated
- Wall bracket with 'up and down' angle adjustment
- 2m power lead



Energy Saving Tip

Control with a TS-8 run down timer to avoid heating an unoccupied area.

Delivered Next
Day As Standard



Purchase From
Electrical Wholesaler



'All Black' Terrace Heaters

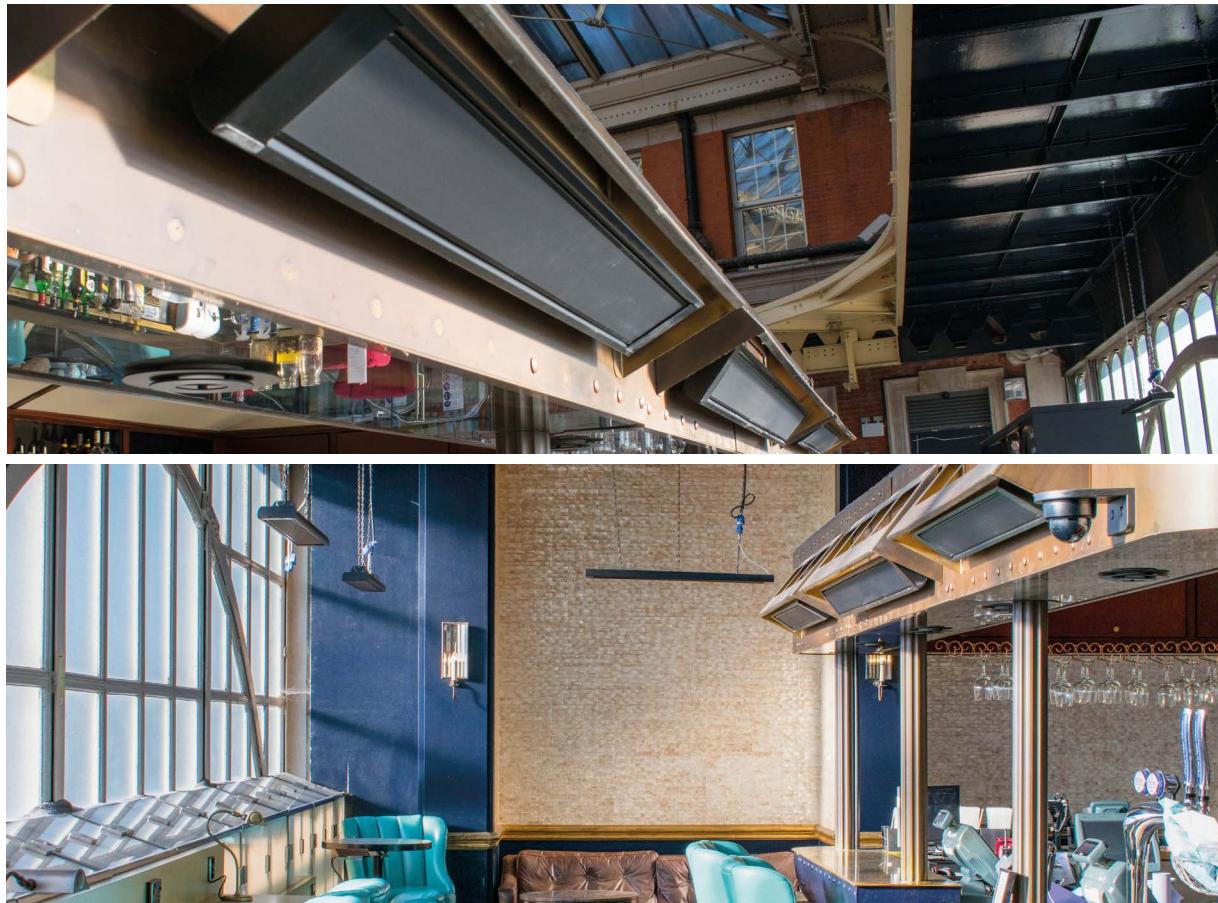
ETH Radiant Heaters

Model	kW	List Price
ETH-10	1.0	£511.00
ETH-15	1.5	£600.00

Technical

Model	kW	Volts	Dimensions (mm)			Weight (kg)
			H	W	D	
ETH-10	1.0	230	140	1080	45	4.0
ETH-15	1.5	230	140	1580	45	6.0

CASE STUDY



The Cabin Bar

Location: Waterloo Train Station, London

Installed: 23 x 1.5kW All Black Radiant Heaters



The Village

Location: Solihull, West Midlands

Installed: 8 x 1.5kW All Black Radiant Heaters

HWP PATIO HEATERS

What is a Patio Heater?

A shortwave radiant heater that creates warm, inviting outdoor spaces for customers, family, and friends. Perfect for pubs, cafes, restaurants and home use. Now available with our zero-glow “Magic Lamps” for discreet, comfort heating.



Key Features

- IP55 rated for outdoor use
- Replaceable halogen lamp with 7000 hours average operating life
- Wall bracket with 'up and down' angle adjustment
- Can be suspended
- 3m power lead
- Magic Lamp option for reduced light output and zero-glare



Energy Saving Tip

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



Standard Heaters

Model	kW	Finish	Lamp Glow	List Price
HWP2-B	1.5	Black	Gold	£235.00
HWP2-W	1.5	White	Gold	£235.00
HWP2-S	1.5	Silver	Gold	£235.00
HWP2-2B	2.0	Black	Red	£280.00
HWP2-2W	2.0	White	Red	£280.00
HWP2-3B	3.0	Black	Red	£396.00
HWP2-3W	3.0	White	Red	£396.00
HWP2-45B	4.5	Black	Red	£559.00

Magic Lamp Heaters

Model	kW	Finish	Lamp Glow	List Price
HWP2-BM	1.5	Black	Magic Lamp (zero glare)	£333.00
HWP2-WM	1.5	White	Magic Lamp (zero glare)	£333.00
HWP2-SM	1.5	Silver	Magic Lamp (zero glare)	£333.00
HWP2-2BM	2.0	Black	Magic Lamp (zero glare)	£339.00
HWP2-2WM	2.0	White	Magic Lamp (zero glare)	£339.00
HWP2-3BM	3.0	Black	Magic Lamp (zero glare)	£597.00
HWP2-3WM	3.0	White	Magic Lamp (zero glare)	£597.00
HWP2-45BM	4.5	Black	Magic Lamp (zero glare)	£806.00

Accessories

Model	Description	Details	List Price
	VR-2 Dimmer (3kW max)	Page 142	£198.00
	TS-7 Push button timer (Light grey finish)	Page 132	£221.00
	TS-7B Push button timer (Black finish)	Page 132	£221.00

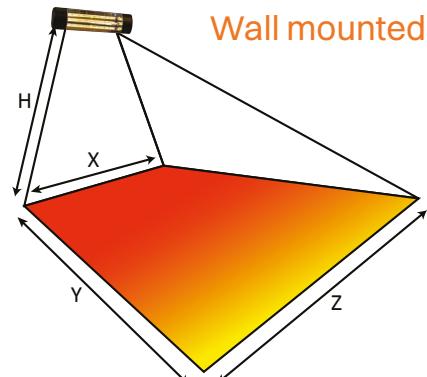
Technical

kW	Volts	Dimensions (mm)			Weight (kg)
		H	W	D	
1.5	230	120	480	140	1.7
2.0	230	120	480	140	1.7
3.0	230	120	960	140	3.2
4.5	230 or 400/3N	120	1440	140	4.9

This heater requires a minimum type C MCB or type C RCBO circuit breaker

Area Covered (wall mounted)

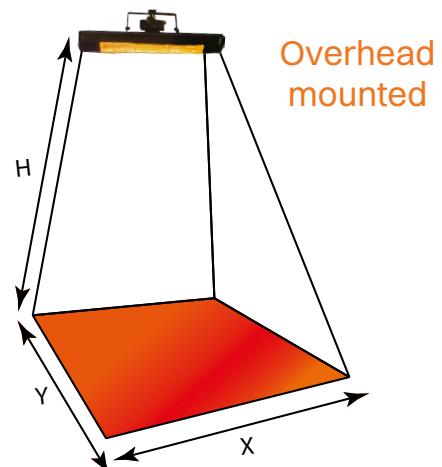
kW	H (m)	X (m)	Y (m)	Z (m)	m ²
1.5 or 2.0	2.0	2.3	2.4	4.0	7.6
1.5 or 2.0	2.5	3.0	3.0	5.2	12.3
3.0	2.0	3.4	2.4	4.5	9.5
3.0	2.5	4.2	3.0	5.8	15.0
4.5	2.0	4.3	2.4	5.0	11.2
4.5	2.5	4.8	3.0	6.4	16.8



For outdoor applications we recommend
300W/m² minimum

Area Covered (overhead mounted)

kW	H (m)	X (m)	Y (m)	m ²
1.5 or 2.0	2.0	3.6	2.5	9.0
1.5 or 2.0	2.5	4.8	3.5	16.8
3.0	2.0	4.3	2.5	10.7
3.0	2.5	5.2	3.5	18.2
4.5	2.0	4.8	2.5	12.0
4.5	2.5	5.6	3.5	19.6



For outdoor applications we recommend
300W/m² minimum

Replacement Lamps

Heater	Lamp Model	kW	Qty Fitted	List Price
HWP2 Standard	RL15CW	1.5	1	£70.00
HWP2 Magic Lamp	RL15MW	1.5	1	£163.00
HWP2-2 Standard	RL20GW	2.0	1	£93.00
HWP2-2 Magic Lamp	RL20MW	2.0	1	£167.00
HWP2-3 Standard	RL15GW/3	1.5	2	£88.00
HWP2-3 Magic Lamp	RL15MW/3	1.5	2	£163.00
HWP2-45 Standard	RL15GW/4	1.5	2 (outside lamps)	£88.00
	RL15GW	1.5	1 (centre lamp)	£88.00
HWP2-45 Magic Lamp	RL15MW/4	1.5	2 (outside lamps)	£163.00
	RL15MW	1.5	1 (centre lamp)	£163.00



London Hippodrome Casino

Location: London

Installed: 12 x 2kW Patio Heaters

CASE STUDY



Top Golf

Location: Watford, London

Installed: 86 x 2kW Patio Heaters

Simmons

Location: Soho, London

Installed: 6 x 1.5kW patio heaters



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.



Single Lamp Heaters

Model	kW	Finish	Lamp Glow	List Price
HN3-15	1.5	Ivory	Red	£280.00
HN3-15B	1.5	Black	Red	£280.00
HN3-15M	1.5	Ivory	Magic Lamp (zero glare)	£345.00
HN3-15BM	1.5	Black	Magic Lamp (zero glare)	£345.00
HN3-20	2.0	Ivory	Red	£292.00
HN3-20B	2.0	Black	Red	£292.00
HN3-20M	2.0	Ivory	Magic Lamp (zero glare)	£350.00
HN3-20BM	2.0	Black	Magic Lamp (zero glare)	£350.00

Twin Lamp Heaters

Model	kW	Orientation	Finish	Lamp Glow	List Price
HN3-30	3.0	Vertical	Ivory	Red	£452.00
HN3-30B	3.0	Vertical	Black	Red	£452.00
HN3-30M	3.0	Vertical	Ivory	Magic Lamp (zero glare)	£548.00
HN3-30BM	3.0	Vertical	Black	Magic Lamp (zero glare)	£548.00
HN3-30L	3.0	Linear	Ivory	Red	£452.00
HN3-30LB	3.0	Linear	Black	Red	£452.00
HN3-30LM	3.0	Linear	Ivory	Magic Lamp (zero glare)	£548.00
HN3-30LBM	3.0	Linear	Black	Magic Lamp (zero glare)	£548.00

Three Lamp Heaters

Model	kW	Finish	Lamp Glow	List Price
HN3-45	4.5	Ivory	Red	£667.00
HN3-45B	4.5	Black	Red	£667.00
HN3-45M	4.5	Ivory	Magic Lamp (zero glare)	£804.00
HN3-45BM	4.5	Black	Magic Lamp (zero glare)	£804.00
HN3-60	6.0	Ivory	Red	£750.00
HN3-60B	6.0	Black	Red	£750.00
HN3-60M	6.0	Ivory	Magic Lamp (zero glare)	£860.00
HN3-60BM	6.0	Black	Magic Lamp (zero glare)	£860.00

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	List Price
	HSK Suspension kit (four hooks and locknuts)	-	£11.00
	CS-4 Switch for 1.5kW, 2kW, 3kW heaters: on/off	Page 136	£65.00
	CS-2 Switch for 3kW vertical heaters: ½ heat/full heat	Page 136	£85.00
	CS-3 Switch for 4.5kW, 6kW heaters: $\frac{1}{3}$ heat/ $\frac{2}{3}$ heat/ full heat	Page 136	£114.00
	VR-2 Dimmer (3kW max)	Page 142	£198.00
	TS-7 Push button timer (Light grey finish) (6kW max)	Page 132	£221.00
	TS-7B Push button timer (Black finish) (6kW max)	Page 132	£221.00
	PIR26 NEW Soft start PIR 26A (6kW max)	Page 138	£243.00
	PIR26C NEW PIR designed to work with contactors for multi heater installs over 6kW	Page 138	£243.00

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

Replacement Lamps

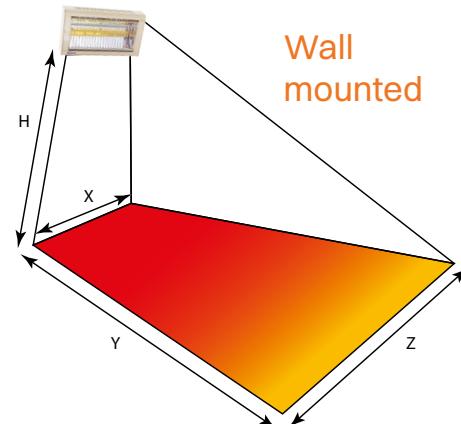
Model	kW	Glow	List Price
RL15GF	1.5	Red	£85.00
RL15MF	1.5	Magic Lamp (zero glare)	£151.00
RL20GF	2.0	Red	£87.00
RL20MF	2.0	Magic Lamp (zero glare)	£151.00

Required W/m²

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

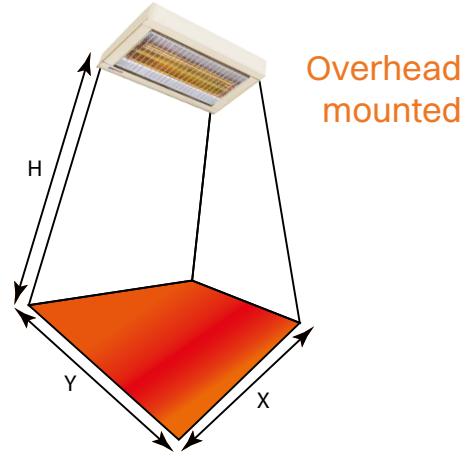
Area Covered (wall mounted)

kW	H (m)	X (m)	Y (m)	Z (m)	m 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 Peters Church

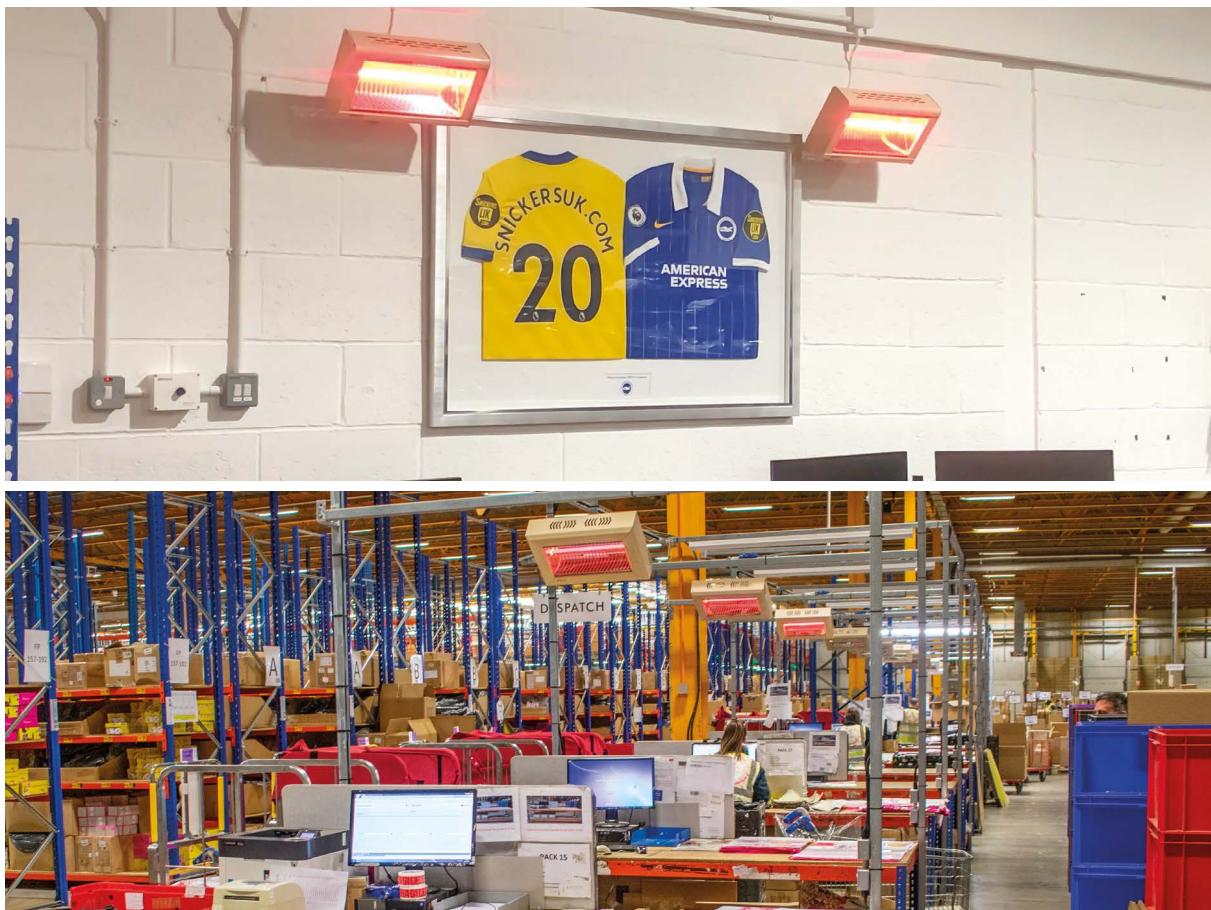
Location: Pavenham, Bedfordshire

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

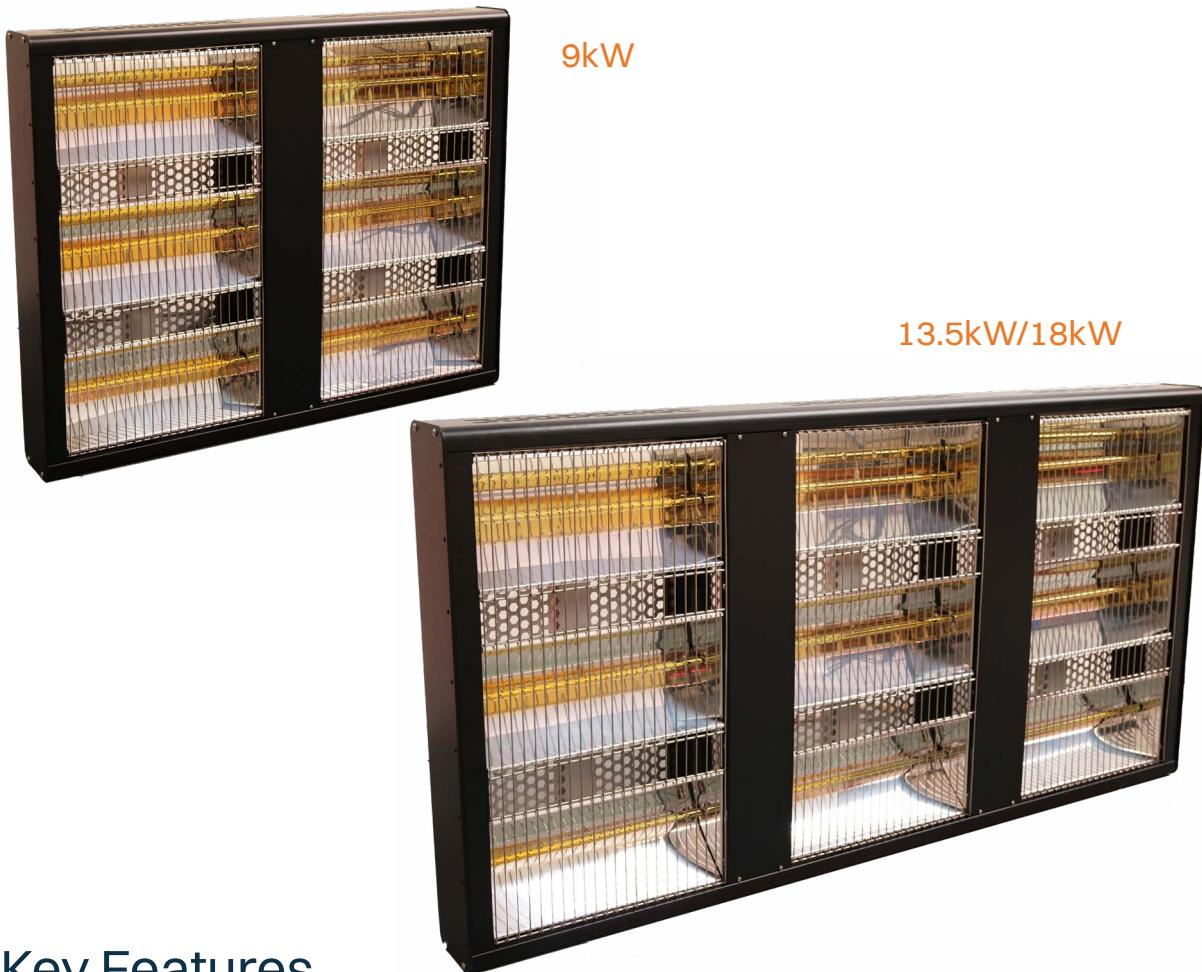
Location: Croydon, South London

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

HXL INFRARED QUARTZ HALOGEN HEATERS

What is a HXL Infrared Quartz Halogen Heater?

An extra-large shortwave heater that warms people directly rather than the surrounding air. Designed for high-level mounting in industrial settings, HXL heaters can provide targeted spot heating or heat an entire space. They are ideal for areas where mounting options are limited by obstacles such as gantry cranes or mezzanines.



Key Features

- Instantly effective
- Replaceable halogen lamp with 7000 hours average operating life
- Suspension hooks supplied as standard
- Can be wall mounted - requires HXL-WMK wall mount kit
- 1.5m 3 Phase power lead (4-core and earth)
- Can be mounted up as high as 9m



Energy Saving Tip

Control with a TS-8 run down timer and a contactor to avoid heating an unoccupied area.



Heaters

Model	kW	Finish	Lamp Glow	Number of Lamps	List Price
HXL-90B	9kW	Black	Gold lamp (red glow)	6	£1,841.00
HXL-135B	13.5kW	Black	Gold lamp (red glow)	9	£2,206.00
HXL-180B	18kW	Black	Gold lamp (red glow)	9	£2,575.00

Technical

Model	Volts	Dimensions (mm)			Weight (kg)
		H	W	D	
HXL-90B	400/3N	626	792	100	13
HXL-135B	400/3N	626	1200	100	18.5
HXL-180B	400/3N	626	1200	100	18.5

Accessories

Model	Description	Details	List Price
HXL-WMX	Wall mounting kit (one per heater)	-	£75.00
TS-8	Push button timer (7.2kW max) Light grey finish (requires contactor)	Page 133	£223.00
TS-8B	Push button timer (7.2kW max) Black finish (requires contactor)	Page 133	£223.00
CON-32	Contactor 32A 3-pole (HXL-90B)	Page 141	£65.00
CON-50	Contactor 50A 3-pole (HXL-135B)	Page 141	£85.00
CON-80	Contactor 80A 3-pole (HXL-180B)	Page 141	£190.00
ENCL-D	Enclosure for CON-32 or CON-50	Page 141	£35.00

Replacement Lamps

Model	Description	Details	List Price
HXL-90B	RL15GF	-	£85.00
HXL-135B	RL15GF	-	£85.00
HXL-180B	RL20GF	-	£87.00

Required W/m²

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

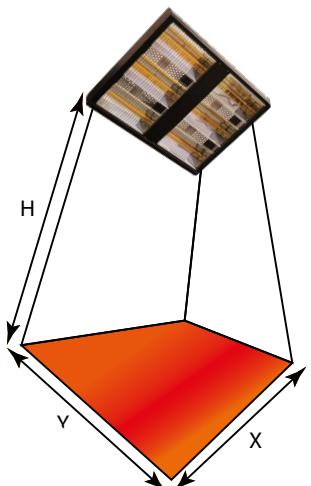
Area Covered (overhead mounted)

Model	H (m)	X (m)	Y (m)	m ²
6 lamp heater	6	8.2	5.1	41.8
6 lamp heater	7	9.5	6	57
6 lamp heater	8	10.6	6.8	72.1
9 lamp heater	6	9.5	5.9	56.1
9 lamp heater	7	10.9	6.8	74.1
9 lamp heater	8	12.4	7.6	94.2
9 lamp heater	9	13.8	8.5	117.3

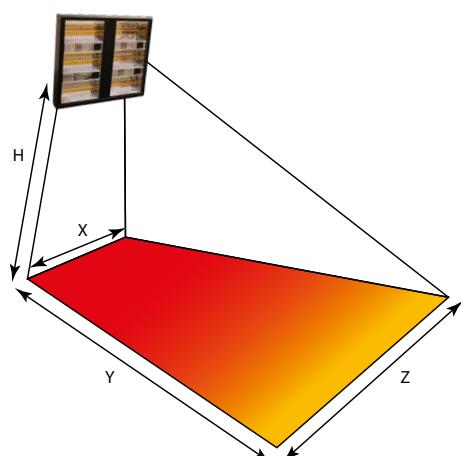
Area Covered (wall mounted)

Model	H (m)	X (m)	Y (m)	Z (m)	m ²
6 lamp heater	4.5	6.7	5.4	8.6	41.3
6 lamp heater	5	7.1	5.9	10.4	51.6
6 lamp heater	6	8.4	6.9	12.1	70.7
9 lamp heater	5	8.1	5.8	11.6	57.1
9 lamp heater	6	9.7	6.8	13.6	79.2
9 lamp heater	7	11.2	7.9	14.6	101.9
9 lamp heater	8	12.7	8.8	16.5	128.5

Overhead mounted



Wall mounted



Car Garage

Location: London

Installed: 2 x 18kW HXL Heaters



CK Tools

Location: North Wales

Installed: 2 x 18kW HXL Heaters

INFRARED QUARTZ HALOGEN HEATER CONTROL BOX

What is an Infrared Quartz Halogen Heater Control Box?

A control box designed to simplify and accelerate multi-quartz halogen heater installations. Typical HC control box setups require less cabling, fewer MCBs or RCBs, and fewer junction boxes. Installation is faster, with each circuit individually fused, and end users can easily adjust the heat intensity of multiple heaters from a single, simple controller.





Control Panel Features

- For use with HN3 halogen heaters (see pages 58-59)
- Up to 6 heaters controlled from a single control box
- For larger installations up to 10 boxes can be connected by data cable to use one wall controller
- Frost thermostat can be connected to control box overriding all other controls
- Soft start switching prolongs lamp life
- Compact design - overall dimensions 310 x 350 x 80mm (W x H x D)
- Note: this system cannot be used with linear heaters.

Controller Features

- Connected to control panel using data cable
- Manual selection 3kW heaters - off / half heat / full heat
- Manual selection 4.5kW or 6kW heaters - off / 1/3 heat/ 2/3 heat / full heat
- Built-in run-down timer (if required) programmable between 5 minutes and two hours activated by remote-mounted push button (HC-B)
- IP66 rough service controllers available **NEW**
- Each system requires one wall controller (HC-C1, HC-CRS or HC-TMRS)

Control Boxes

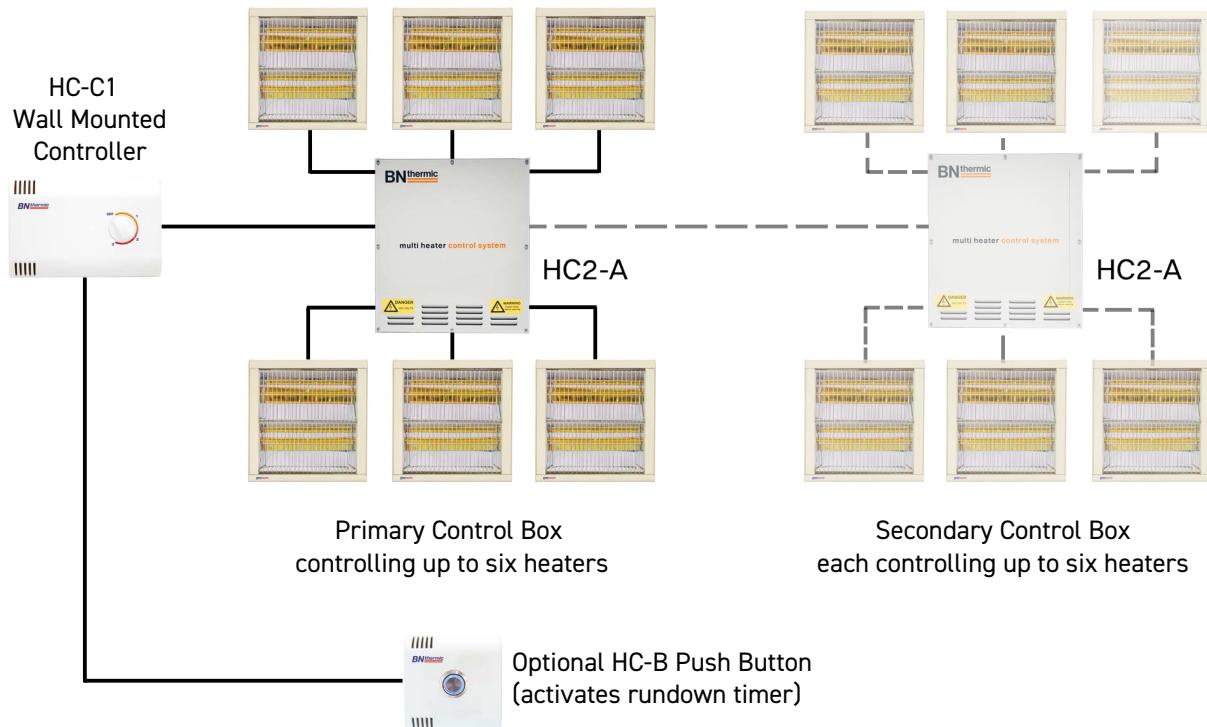
Model	Description	List Price Each
HC2-A	Control box for up to six 3kW heaters*	£990.00
HC3-A	Control box for up to four 4.5 or 6kW heaters	£990.00
HC-C1	Controller (see page 140)	£158.00
 HC-CRS	IP66 rough service controller (see page 140)	£165.00
 HC-TMRS	IP66 rough service controller with run down timer (see page 141)	£195.00

*Not suitable for linear models

Ancillary System Components

Model	Description	Details	List Price
HC-B	Push Button to activate HC-C1 run-down timer	Page 140	£64.00
FST-RS	Optional frost thermostat	Page 121	£149.00
DX05	Cat5 cable terminated 5m (white)	-	£10.00
DX10	Cat5 cable terminated 10m (white)	-	£15.00
DX20	Cat5 cable terminated 20m (white)	-	£23.00
JX1	Cat5 Cable Joiner	-	£6.00

Cat5 cable used to connect controller to a control box and to interconnect control boxes



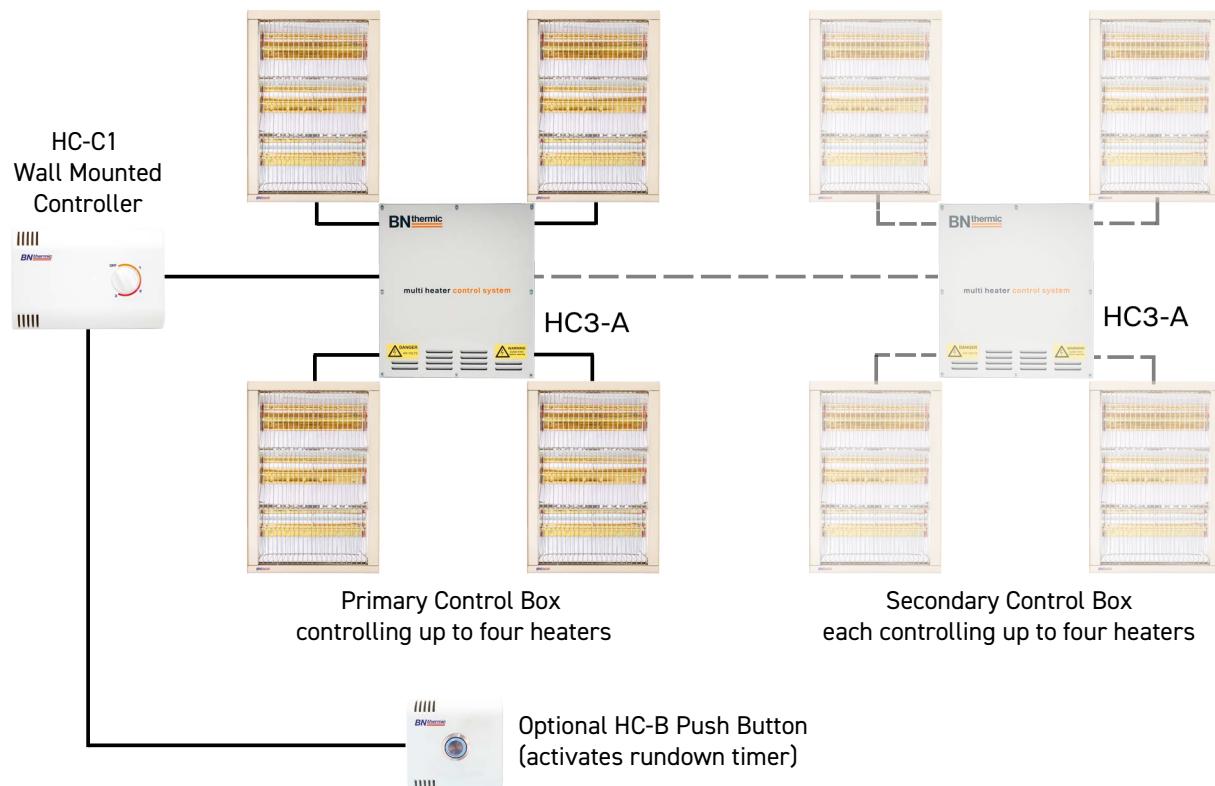
Controlling HN3-30 (3kW) Heaters each with 2 Lamps

Each HC2 control box will control up to six heaters. The HC-C1 controller allows the heaters' lamps to be switched individually meaning that outputs of 1.5kW or 3kW can be selected.

400V 3ph & N supply required.

For larger installations up to 10 control boxes can be connected in a control daisy-chain with each controlling up to six heaters.

Note: this system cannot be used with linear heaters.



Controlling HN3-45 (4.5kW) Heaters or HN3-60 (6kW) Heaters each with 3 Lamps

Each HC3 control box will control up to four heaters. The HC-C1 controller allows the heaters' lamps to be switched individually meaning that outputs of $\frac{1}{3}$, $\frac{2}{3}$ or full power can be selected.

400V 3ph & N supply required

For larger installations up to 10 control boxes can be connected in a control daisy-chain with each controlling up to four heaters.

CH CERAMIC HEATERS

What is a Ceramic Heater?

A medium-wave radiant heater that warms people directly without any light output. Perfect for heating intermittently used premises like village halls and churches.



Key Features

- Long life 'no glow' ceramic heat emitters
- 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)



Energy Saving Tip

Control with a TS-8 run down timer to avoid heating an unoccupied area.

Delivered Next Day As Standard



Purchase From Electrical Wholesaler



Ceramic Heater

Heaters

Model	kW	Finish	List Price
CH2-15	1.5	Ivory	£345.00
CH2-15B	1.5	Black	£345.00
CH2-30	3.0	Ivory	£525.00
CH2-30B	3.0	Black	£525.00
CH2-30L	3.0	Ivory	£525.00
CH2-30LB	3.0	Black	£525.00

Technical

Model	kW	Volts	Dimensions (mm)			Weight (kg)
			H	W	D	
CH2-15	1.5	230	218	375	100	3.2
CH2-30	3.0	230	376	375	100	5.7
CH2-30L	3.0	230	218	788	100	5.7

Accessories

Model	Description	Details	List Price
 HSK	Suspension kit (four hooks and locknuts)	-	£11.00
 VR-2	Dimmer (3kW max)	Page 142	£198.00
 TS-8	Push button timer (7.2kW max) Light grey finish	Page 133	£223.00
 TS-8B	Push button timer (7.2kW max) Black finish	Page 133	£223.00



Tunstall Village Hall

Location: Sittingbourne, Kent

Installed: 6 x 3kW Ceramic Heaters



Train Stations

Location: Multiple TFL Locations
Installed: 1.5kW and 3kW Ceramic Heaters

RP RADIANT CEILING PANELS

What is a Radiant Ceiling Panel?

A discreet, energy-efficient heating solution for commercial spaces such as offices, classrooms, and care homes. Radiant panels save wall space and can be easily installed either in a grid ceiling or surface-mounted using the supplied brackets. Radiant panels emit gentle radiant heat with zero light or noise output.



Key Features

- Radiant heat without light output
- Quick and easy installation into a standard (24mm) suspended ceiling grid
- Bracket provided for easy mounting onto a conventional ceiling
- Attractive white easy-clean finish (RAL9010)
- IP44 rated



Energy Saving Tip

Radiant panel's radiant effect makes you feel warmer than the actual ambient air temp. This means you can set your thermostat 3-4°C lower.



Heaters

Model	kW	List Price
RP3-03	0.3	£280.00
RP3-06	0.6	£403.00

Technical

Model	kW	Volts	Dimensions (mm)			Recommended Mounting Height (m)		Weight (kg)
			H	W	D	Min	Max	
RP3-03	0.3	230	25	592	592	2.4	4.0	5.9
RP3-06	0.6	230	25	1192	592	2.4	4.0	11.3

Accessories

Model	Description	Details	List Price
 RD16	Electronic programmable thermostat 16A (recessed)*	Page 122	£71.00
 RT16	Programmable thermostat 16A*	Page 122	£155.00
 RT26	Programmable thermostat 26A*	Page 123	£191.00
 WD16	Wi-Fi thermostat 16A (recessed - free app)*	Page 123	£141.00
 WT16	Wi-Fi thermostat 16A (free app)*	Page 124	£239.00
 WT26	Wi-Fi thermostat 26A (free app)*	Page 124	£290.00
 CX5	Optional remote-mounted temperature sensor for use with RT or WT thermostats	Page 131	£44.00
 RST3-IN	Adjustable room thermostat 16A	Page 120	£65.00
 RST3-TP	Tamperproof room thermostat 16A	Page 120	£87.00

For larger installations we recommend our PC control box - see pages 86-89

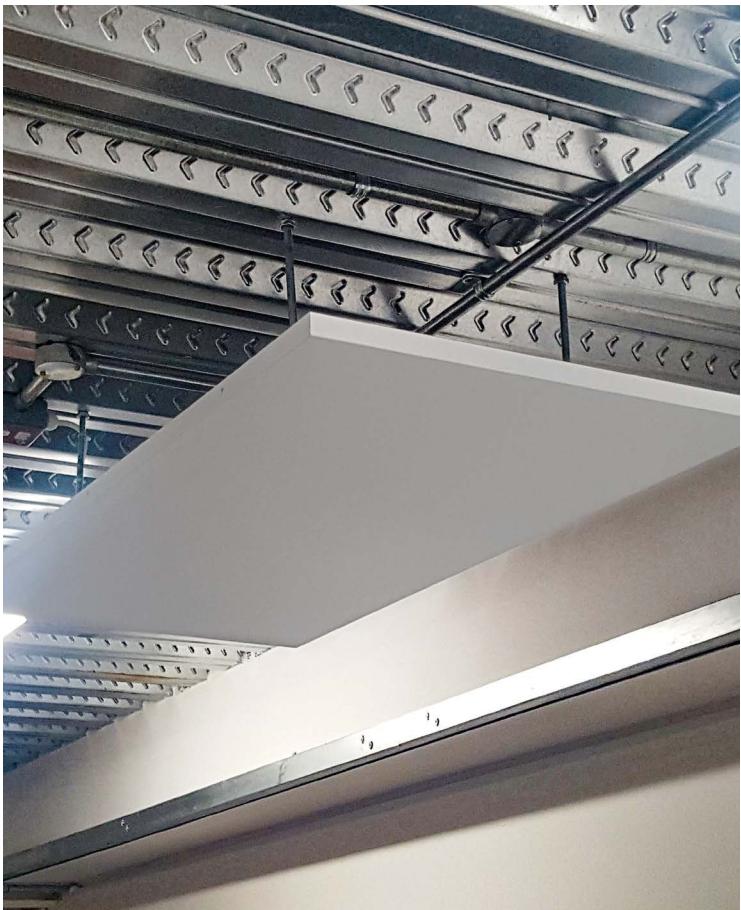
*Tamperproof function available on these models



Office

Location: Croydon, London

Installed: 24 x 300W radiant panels



Aston Martin

Location: Bristol

Installed: 4 x 600W Radiant Ceiling Panels

ESP LONGWAVE RADIANT CASSETTES

What is a Longwave Radiant Cassette?

A discreet, energy-efficient heater designed to space-heat large commercial areas with high ceilings, such as sports halls, village halls, and showrooms. Cassettes deliver radiant comfort heat without noise, draughts, or light output.



1.2kW



1.8/2.4kW



3.0/3.6kW

Key Features

- Radiant heat without light output
- Robust steel case with white epoxy finish
- Ceiling mounting brackets supplied as standard
- Can be suspended
- Optional angle adjustable wall brackets



Energy Saving Tip

Cassette's radiant effect makes you feel warmer than the actual ambient air temp. This means you can set your thermostat 3-4°C lower.



Radiant Cassettes

Model	kW	List Price
ESP2-12	1.2	£509.00
ESP2-18	1.8	£701.00
ESP2-24	2.4	£736.00
ESP2-30	3.0	£920.00
ESP2-36	3.6	£967.00
ESP2-B (optional wall bracket)		£31.00

Technical

Model	kW	Volts	Dimensions (mm)			Recommended Mounting Height (m)		Weight (kg)
			H	W	D	Min	Max	
ESP2-12	1.2	230	60	1550	150	3.0	4.0	5.8
ESP2-18	1.8	230	60	1550	250	3.5	6.0	9.9
ESP2-24	2.4	230	60	1550	250	3.5	6.0	9.9
ESP2-30	3.0	230/400	60	1550	350	3.5	8.0	13.9
ESP2-36	3.6	230/400	60	1550	350	3.5	8.0	13.9

Accessories

Model	Description	Details	List Price
RT16	Programmable thermostat 16A	Page 122	£155.00
RT26	Programmable thermostat 26A	Page 123	£191.00
WT16	Wi-Fi thermostat 16A (download free app)	Page 123	£239.00
WT26	Wi-Fi thermostat 26A (download free app)	Page 124	£290.00
BBS	Optional remote-mounted 'black bulb' temperature sensor for use with RT or WT thermostats	-	£80.00
CON-32	Contactor 32A 3-pole	Page 141	£65.00
CON-50	Contactor 50A 3-pole	Page 141	£85.00
CON-80	Contactor 80A 3-pole	Page 141	£190.00
ENCL-D	Enclosure for CON-32 and CON-50	Page 141	£35.00

For larger installations we recommend our PC control box - see pages 82-85



Village Hall

Location: Farnham, Essex

Installed: 4 x 2.4kW Radiant Cassettes



Bedford Timber Supplies

Location: Bedford
Installed: 6 x 3kW Radiant Cassettes

LONGWAVE RADIANT HEATER CONTROL BOX

What is a Longwave Radiant Heater Control Box?

A control box designed to simplify and accelerate multi-Longwave radiant heater installations. Typical PC control box setups require less cabling, fewer MCBs or RCBs, and fewer junction boxes. Installation is faster, with each circuit individually fused, and end users can easily adjust the heat intensity of multiple heaters from a single, simple controller.





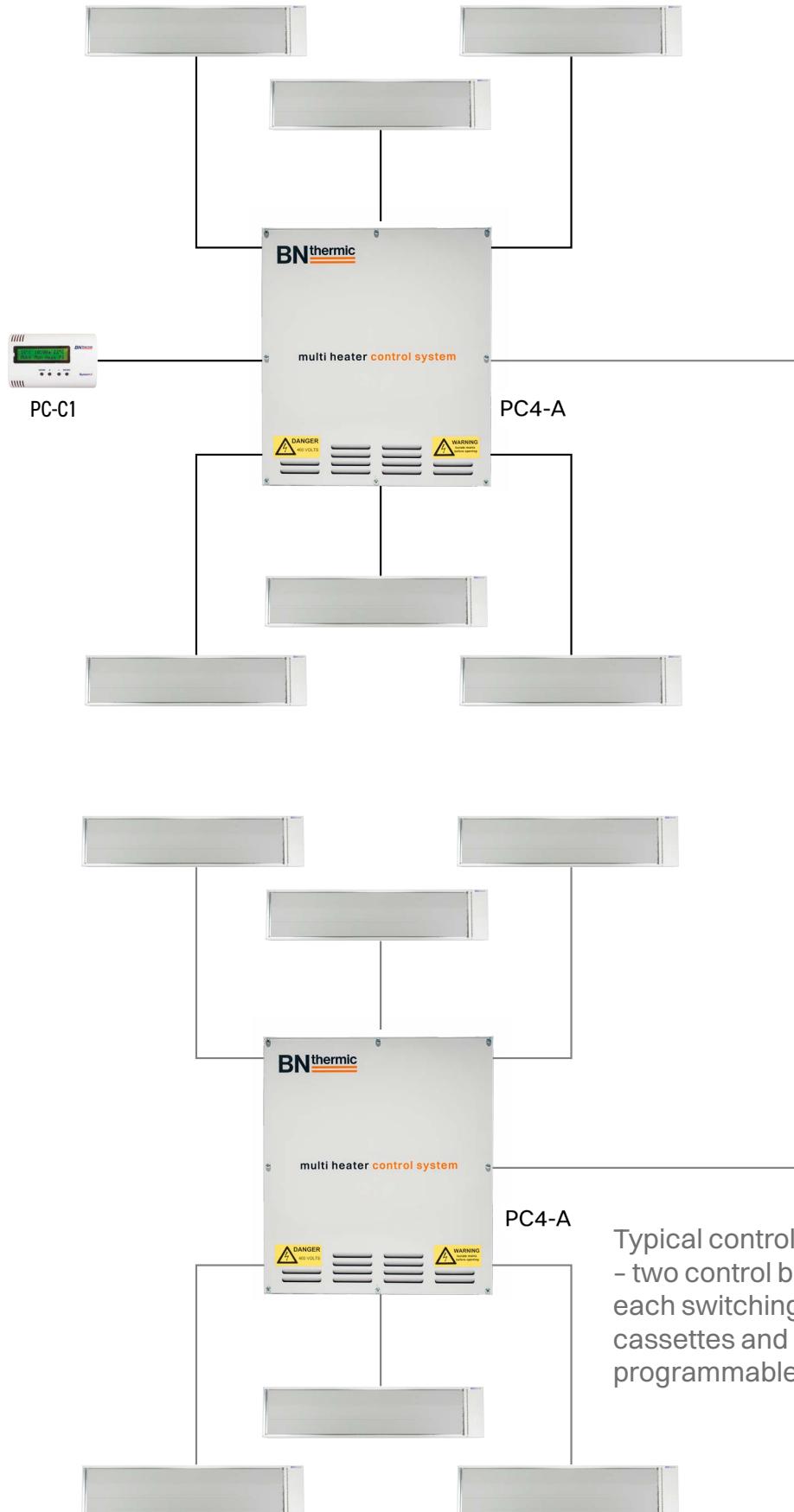
Control Panel Features

- For use with ESP2 Radiant Cassettes and RP3 Radiant Ceiling Panels (see pages 82-83 and 78-79)
- Up to 24 heaters controlled from a single control box (depending on heater output)
- For larger installations up to 10 Boxes can be connected by data cable to use one wall controller
- Can receive a 230V signal directly from a BMS (PC-C1 controller not required)
- Robust steel enclosure
- Compact design – overall dimensions 310 x 350 x 80mm (W x H x D)

Controller Features

- Connected to control box using data cable
- Integral thermostat
- Integral temperature sensor (can be used with remote-mounted sensor when required)
- 7-day programming (up to 6 events per day)
- Optimum start (optional)
- Adaptive stop – reduces temperature 'over/under shoot' improving both comfort and economy (optional)
- Button lock to prevent unauthorised adjustment (optional)

RADIANT HEATERS



Typical control system
- two control boxes,
each switching 6 radiant
cassettes and a single
programmable controller

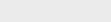
Control Boxes

Model	Description	List Price Each
PC1-A	Control Box for 230V 1ph System	£990.00
PC2-A	Control Box for 230V 1ph System	£990.00
PC3-A	Control Box for 400V 3ph System	£990.00
PC4-A	Control Box for 400V 3ph System	£990.00
PC5-A	Control Box for 400V 3ph System	£990.00
PC-C1	Programmable Controller (see page 141)	£267.00

Control Box Selection

Control Box	Voltage	Max Quantity of Heaters	Heater Model	kW per Heater
PC1	230V 1ph	6	ESP2-12	1.2kW
PC2	230V 1ph	12	RP3-06	0.6kW
	230V 1ph	24	RP3-03	0.3kW
PC3	400V 3ph & N	36	RP3-06	0.6kW
	400V 3ph & N	36	RP3-03	0.3kW
	400V 3ph & N	12	ESP2-18	1.8kW
	400V 3ph & N	12	ESP2-12	1.2kW
PC4	400V 3ph & N	6	ESP2-24	2.4kW
	400V 3ph & N	6	ESP2-30	3.0kW
PC5	400V 3ph & N	6	ESP2-36	3.6kW

Ancillary System Components

Model	Description	List Price
 CXS	Optional remote-mounted temperature sensor	£44.00
 DX05	Cat5 cable terminated 5m (white)	£10.00
 DX10	Cat5 cable terminated 10m (white)	£15.00
 DX20	Cat5 cable terminated 20m (white)	£23.00
 JX1	Cat5 Cable Joiner	£6.00

Cat5 cable used to connect controller to a control box and to interconnect control boxes

PH PEW HEATERS

Supporting churches on
their journey to net zero

What is a Pew Heater?

A discreet, unobtrusive heater mounted under church pews to directly warm occupants. Pew heaters are a popular choice for churches seeking a low-carbon electric heating solution to aid their journey to net zero.



Key Features

- Mounted directly below pew's seat
- Dark brown paint finish reduces visual impact
- Silent draught-free operation
- Fixed directly to a pew's backboard or using optional brackets
- Robust steel construction
- 20mm cable entries at both ends for electrical connection
- External guard not required



Energy Saving Tip

Installing an on/off switch on each pew enables you to only heat pews when they are occupied.



Heaters

Model	Length (mm)	kW	List Price
PH30	525	0.3	£194.00
PH45	702	0.45	£220.00
PH65	948	0.65	£240.00

Technical

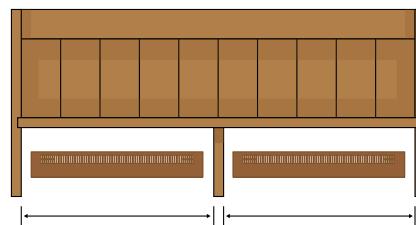
Model	kW	Volts	Dimensions (mm)			Weight (kg)
			L	D	H	
PH30	0.3	230	525	58	168	2.4
PH45	0.45	230	702	58	168	3.1
PH65	0.65	230	948	58	168	4.1

Optional Brackets

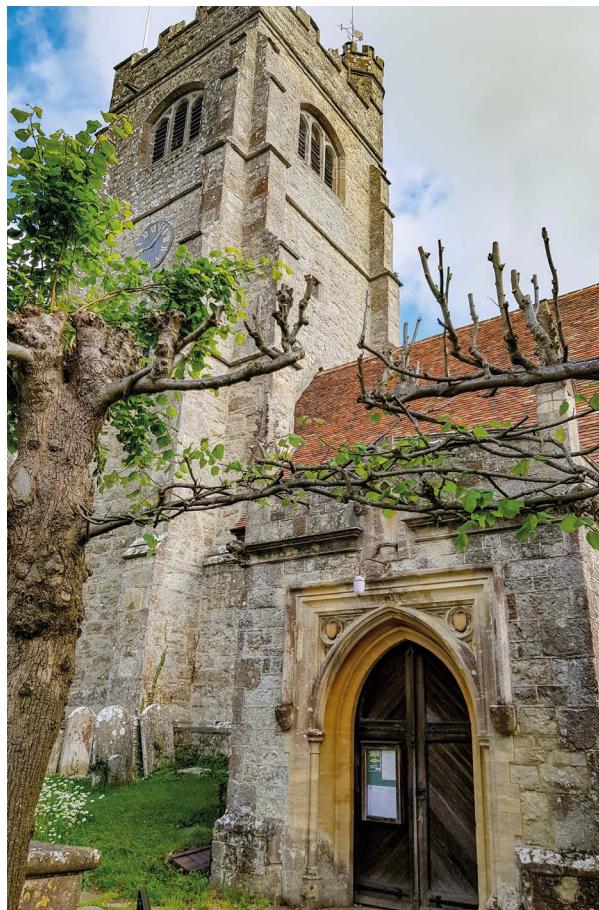
Model	Description	List Price
PHB	Suspension brackets (pair) assembled height 290mm	£28.00
PHF	Floor brackets (pair) assembled height 204mm	£28.00

Selection

Space Between Seat Supports (mm)		Recommended Heater
Minimum	Maximum	
600	750	PH30
750	1000	PH45
1000	1500	PH65
1500+		Multiple heaters



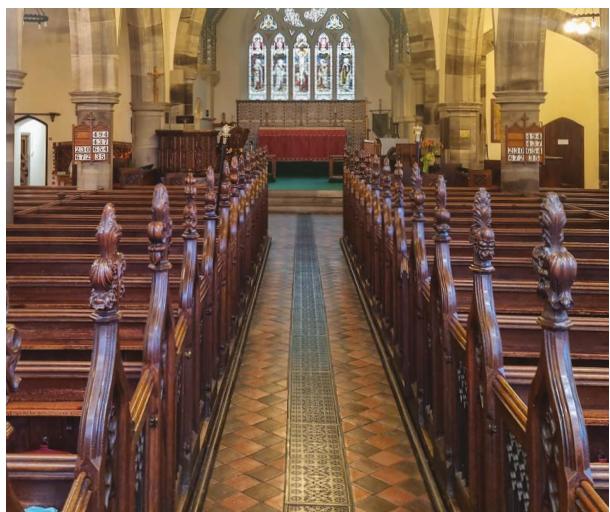
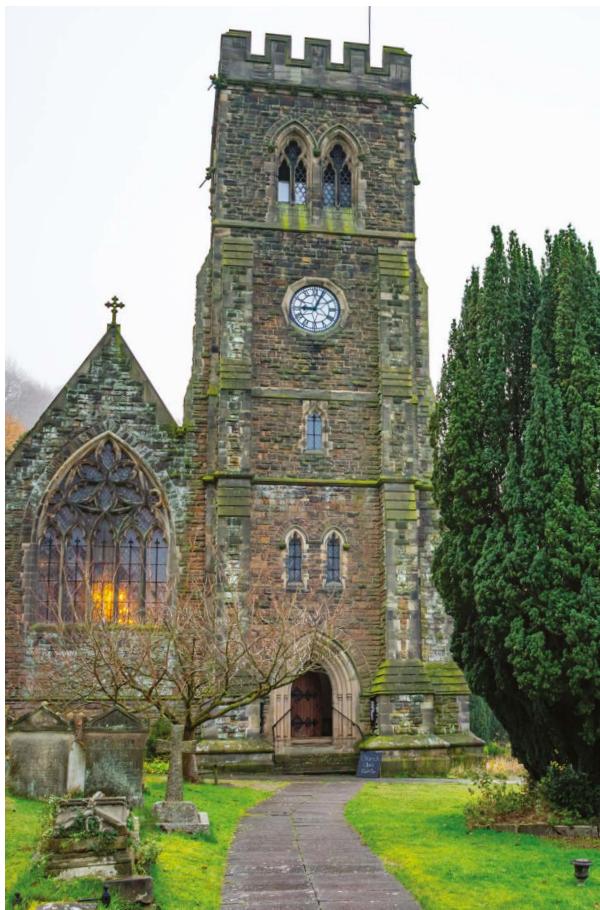
CASE STUDY



St James' Church

Location: Egerton, Kent

Installed: 45 x 300W Pew Heaters



Holy Trinity Church

Location: Coalbrookdale, Telford

Installed: 54 x 450W Pew Heaters

SWD INDUSTRIAL FINNED TUBULAR HEATERS

What is an Industrial Tubular Heater?

A rugged and reliable IP66 rated stainless steel finned tubular heater. This heater is designed to live and operate in damp/corrosive environments such as industrial kiosks, water treatment facilities, lift shafts and pumping stations. It's a real 'fit and forget' product and can be used to space heat or provide frost protection.



Key Features

- Welded stainless steel construction
- Waterproof glass fibre terminal box IP66 rated
- Brackets for wall or floor mounting and M20 cable gland supplied as standard
- Available with or without built-in thermostat
- Optional zinc plated wire guards available



Energy Saving Tip

Select a SWD-A model with a built in energy saving thermostat.

SWD Industrial Finned Tubular Heaters

Model	kW	Volts	Built-in Thermostat	Guard	List Price
SWD-A-500	0.5	230	Yes	SWG-1	£676.00
SWD-A-1000	1.0	230	Yes	SWG-2	£771.00
SWD-A-1500	1.5	230	Yes	SWG-3	£905.00
SWD-A-2000	2.0	230	Yes	SWG-3	£983.00
SWD-A-3000	3.0	230	Yes	SWG-4	£1,310.00
SWD-U-500	0.5	230	No	SWG-1	£487.00
SWD-U-1000	1.0	230 or 400/3	No	SWG-2	£583.00
SWD-U-1500	1.5	230 or 400/3	No	SWG-3	£704.00
SWD-U-2000	2.0	230 or 400/3	No	SWG-3	£804.00
SWD-U-3000	3.0	230 or 400/3	No	SWG-4	£1,114.00
SWD-U-4000	4.0	230 or 400/3	No	SWG-5	£1,540.00
SWD-U-500-1	0.5	110	No	SWG-1	£546.00
SWD-U-1000-1	1.0	110	No	SWG-2	£715.00
SWD-U-1500-1	1.5	110	No	SWG-3	£788.00

Technical

kW	Dimensions (mm)			Weight (kg)	Optional Guard
	L	W	H		
0.5	440	130	170	3.0	SWG-1
1.0	640	130	170	4.8	SWG-2
1.5	840	130	170	6.2	SWG-3
2.0	1040	130	170	7.7	SWG-3
3.0	1440	130	170	10.9	SWG-4
4.0	1840	130	170	13.7	SWG-5

Optional Guards

Model	Dimensions (mm)			Weight (kg)	List Price
	L	W	H		
SWG-1	450	240	240	1.0	£109.00
SWG-2	650	240	240	1.5	£136.00
SWG-3	1075	240	240	2.0	£160.00
SWG-4	1600	240	240	3.5	£256.00
SWG-5	1900	240	240	4.0	£266.00

CASE STUDY



Control Room

Location: Various UK Locations

Installed: 1 x 500W Industrial Finned Tubular Heater with Thermostat



Industrial Kiosk

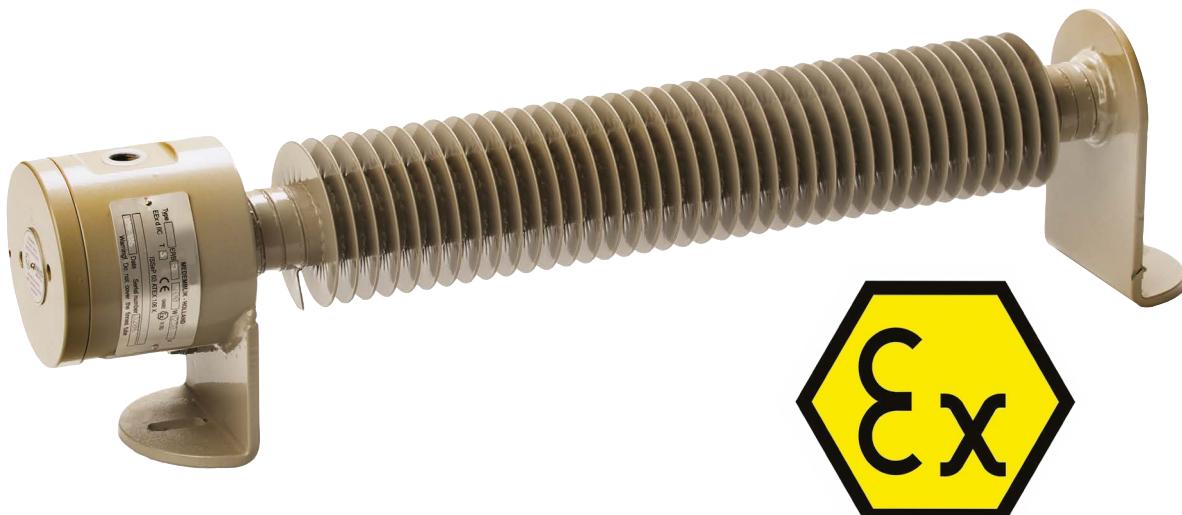
Location: Various Worldwide Locations

Installed: 1 x 1kW Industrial Finned Tubular Heater with Thermostat

TX EXPLOSION-PROOF TUBULAR HEATERS

What is an Explosion Proof Tubular Heater?

An ATEX rated finned tubular heater that provides space heating or frost protection when hazardous dust/gas may be present. These are most commonly installed in petrochemical installations, spray booths and storage areas.



Key Features

- ATEX certified
- Equipment protection level Gb (gas) and Db (dust)
- Zones 1, 2, 21, 22 Groups IIC (gas), IIIC (dust)
- Temperature Class T3 (maximum ambient 40°C)
- IP66 rating
- Steel construction with grey epoxy finish
- Sturdy mounting feet for wall or floor mounting
- Optional zinc plated safety guards (open ended)



Energy Saving Tip

If suitable for your application, control with an energy saving TXST-01 thermostat.



TX Explosion Proof Tubular Heaters

Model	kW	List Price
TXT3-05	0.5	£2,149.00
TXT3-10	1.0	£2,229.00
TXT3-15	1.5	£2,454.00

Technical

Model	kW	Voltage	Dimensions (mm)			Weight (kg)	Optional Guard
			L	H	W		
TXT3-05	0.5	230	850	157	100	11.5	TXG-01
TXT3-10	1.0	230	1450	157	100	16.0	TXG-02
TXT3-15	1.5	230	2050	157	100	19.5	TXG-01 + TXG-02

Optional Guards

Model	Dimensions (mm)			Weight (kg)	List Price
	L	W	H		
TXG-01	739	190	153	1.0	£82.00
TXG-02	1348	190	153	2.0	£99.00

Please see page 127 for our range of ATEX thermostats.

110V LC Convector Heater

What is an 110V LC Convector Heater?

A discreet wall mounted convector heater that provides comfort heat where only a 110V supply is available. This tough steel heater is ideal for applications like site huts and is designed to withstand accidental knocks.



Key Features

- Can be mounted directly to a wall (no brackets required)
- Dark brown paint finish reduces visual impact
- Silent draught-free operation
- Robust steel construction
- 20mm cable entries at both ends for electrical connection
- External guard not required
- Compatible with many BN Thermic thermostats

LC110 Heater

Model	kW	Voltage	List Price
LC110	750	110	£268.00

Technical

Model	kW	Voltage	Dimensions (mm)			Weight (kg)
			L	H	W	
LC110	0.75	110	948	168	58	4.1

110V SWD Industrial Tubular Heater

What is an 110V Industrial Tubular Heaters?

A rugged and reliable 110V IP66 rated stainless steel finned tubular heater. This heater is designed to live and operate in damp/corrosive environments such as industrial kiosks, water treatment facilities, lift shafts and pumping stations. It's a real 'fit and forget' product and can be used to space heat or provide frost protection.



Key Features

- Welded stainless steel construction
- Waterproof glass fibre terminal box IP66 rated
- Brackets for wall or floor mounting and M20 cable gland supplied as standard
- Compatible with many BN Thermic thermostats
- Optional zinc plated wire guards available

Technical

Model	kW	Voltage	Dimensions (mm)			Weight (kg)	List Price
			L	H	W		
SWD-U-500-1	500	110	440	170	130	3.0	£546.00
SWD-U-1000-1	1000	110	640	170	130	4.8	£715.00
SWD-U-1500-1	1500	110	840	170	130	6.2	£788.00

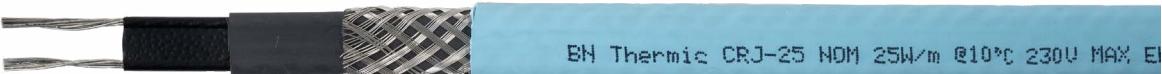
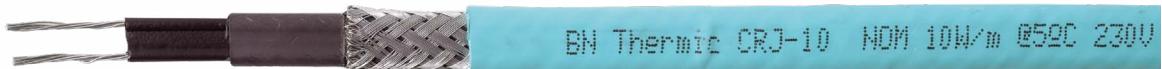
Optional Guards

Heater Model	Guard	Dimensions (mm)			List Price
		L	W	H	
SWD-U-500-1	SWG-1	450	240	240	£109.00
SWD-U-1000-1	SWG-2	650	240	240	£136.00
SWD-U-1500-1	SWG-3	1075	240	240	£160.00

CRJ SELF-REGULATING HEAT CABLES

What is Self-Regulating Heat Cable?

A cable which prevents water from freezing in metal and plastic pipes. This clever cable adjusts its output depending on your pipe's temperature which reduces running costs. The cable is commonly installed on sprinkler systems, in farms and commercial premises. It is often referred to as 'trace heating cable.'



Key Features

- Supplied by the metre – order as much or as little as required
- Power consumption decreases as pipe temperature increases
- Can be cut to length on site
- Full length earth braid and thermoplastic outer jacket
- Installed onto pipe under insulation



Energy Saving Tip

Control your cable with a frost thermostat to ensure your cable only energizes when the ambient temperature drops below freezing.

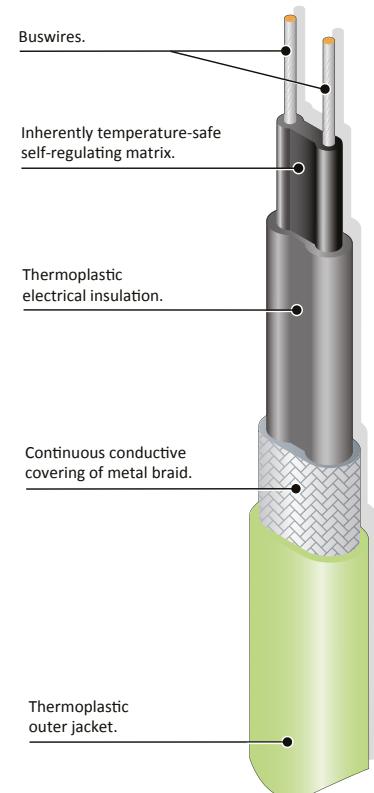
Cables

Model	W/m	Voltage	Maximum Exposure Temperature (°C) On	Off	Max Circuit Length	List Price/m (under 50m)	List Price/m (50m+)
CRJ-10	10	230	85	85	176m	£18.00	£15.00
CRJ-25	25	230	85	85	120m	£31.00	£27.00



Accessories

Model	Description	List Price
	CRJ-T1 Termination Kit (one per circuit) uses shrink on material. Prepares cable for electrical connection and seals the far end.	£25.00
	CRJ-S Splice/T Kit - one for every splice or T joint.	£26.00
	PF-T Fixing Tape (33m x 19mm) for fixing cable to pipe - max temp 80 °C	£6.00
	AL-50 Aluminium Tape (45m x 50mm) - for wrapping plastic pipes before installing cable or for fixing cable to pipe - max temp 110°C (note maximum exposure temp of cable)	£15.00
	PF-L Caution Label (10 pack) apply to outside of insulation for safety	£10.00
	FST3-EX Frost Thermostat Outdoor Use IP66 (20A) - see page 121	£144.00

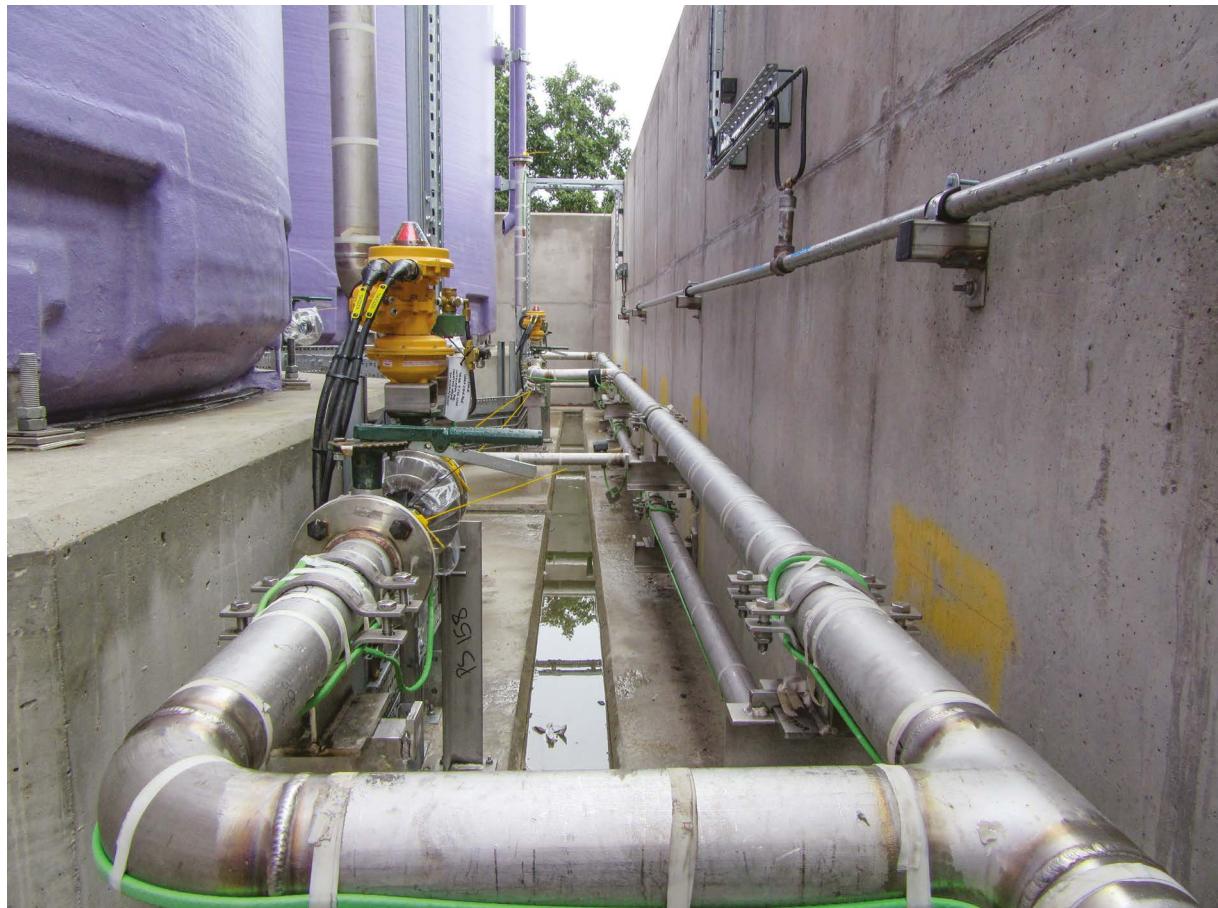


Pipe Freeze Protection – Selection Table

- Minimum ambient: -15°C
- Mineral wool insulation
- Cable installed in a straight line
- Frost thermostat always recommended

Pipe outside diameter	Insulation thickness (mm)		
	12	25	50
12mm	CRJ-10	CRJ-10	CRJ-10
25mm	CRJ-10	CRJ-10	CRJ-10
50mm	CRJ-25	CRJ-10	CRJ-10
75mm	CRJ-25	CRJ-25	CRJ-10
100mm	-	CRJ-25	CRJ-10
150mm	-	CRJ-25	CRJ-25

CASE STUDY





Water Treatment Facility

Location: Multiple UK Locations

Installed: CRJ-25 Cable

PW PIPE FREEZE PROTECTION KITS

What is a Pipe Freeze Protection Kit?

An economic 'plug and play' kit that prevents water from freezing in plastic and metal pipes. These kits are most commonly installed on condensing boiler drain pipes but have a wide range of possible applications.



Key Features

- Built-in thermostat
- 1.5m power lead with 3-pin plug

Selection

- Installed onto pipe under insulation (20mm max)
- Straight run protects pipes up to 50mm dia
- Can be wound in an evenly spaced helix



Energy Saving Tip

Ensure the blue thermostat is installed under your lagging to ensure accurate temperature control.

Delivered Next
Day As Standard



Purchase From
Electrical Wholesaler



Pipe Freeze Protection Kits

Pipe Freeze Protection Kits

Model	Watts	Volts	Heated Length (m)	List Price
PW-01	12	230	1	£111.00
PW-02	24	230	2	£120.00
PW-03	36	230	3	£133.00
PW-04	48	230	4	£140.00
PW-06	72	230	6	£151.00
PW-10	136	230	10	£157.00
PW-14	152	230	14	£162.00
PW-21	281	230	21	£168.00
PW-30	337	230	30	£194.00
PW-42	490	230	42	£224.00

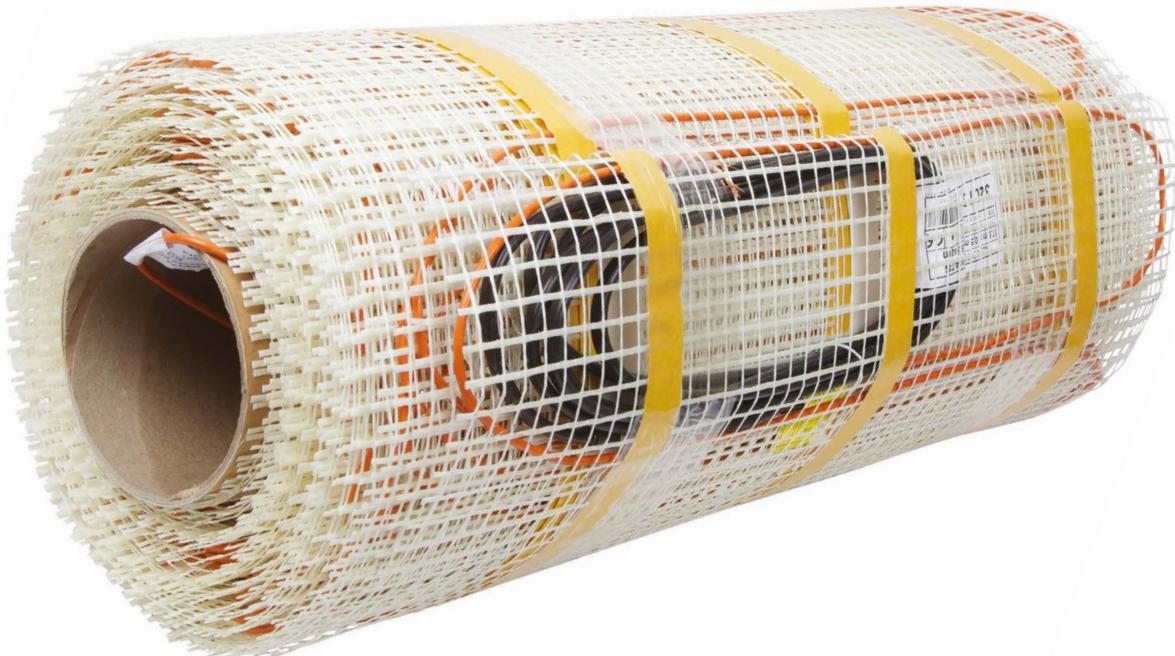
Accessories

Model	Description	List Price
PF-L	Caution Label (10 pack)	£10.00
PF-T	Fixing Tape (33m x 19mm)	£6.00
AL-50	Aluminium Tape (45m x 50mm) for wrapping plastic pipes before cable installation	£15.00

M SERIES UNDERFLOOR HEATING MATS

What is an Underfloor Heating Mat?

A lifetime warranty underfloor heating mat that creates a luxurious warm floor and provides efficient room heating. Compatible with all floor types and all room types including wet rooms.



Key Features

- Lifetime warranty
- Twin core cable assembled onto a fibreglass web
- 3m power lead
- Continuous earth braided wire and fixing tape
- The mat can be cut and manipulated to suit room dimensions
- Typically select a mat approximately 10% smaller than the free floor area
- Wide choice of thermostats (see pages 114-115)



Energy Saving Tip

Laying F-Board insulation boards will greatly increase the economy of your system.



Standard Output Mats (150W/m²)

Suitable as a main source of heating in most rooms

Model	Heated Area (m ²)	Mat Size (m)	kW	List Price
M150-005	0.5	1.0 x 0.5	0.07	£68.00
M150-010	1.0	2.0 x 0.5	0.15	£76.00
M150-015	1.5	3.0 x 0.5	0.22	£100.00
M150-020	2.0	4.0 x 0.5	0.30	£134.00
M150-025	2.5	5.0 x 0.5	0.37	£143.00
M150-030	3.0	6.0 x 0.5	0.45	£167.00
M150-035	3.5	7.0 x 0.5	0.52	£191.00
M150-040	4.0	8.0 x 0.5	0.60	£226.00
M150-045	4.5	9.0 x 0.5	0.67	£239.00
M150-050	5.0	10 x 0.5	0.75	£261.00
M150-060	6.0	12 x 0.5	0.90	£309.00
M150-070	7.0	14 x 0.5	1.05	£337.00
M150-080	8.0	16 x 0.5	1.20	£356.00
M150-090	9.0	18 x 0.5	1.35	£390.00
M150-100	10	20 x 0.5	1.50	£419.00
M150-110	11	22 x 0.5	1.65	£475.00
M150-120	12	24 x 0.5	1.80	£521.00
M150-140	14	28 x 0.5	2.10	£576.00
M150-160	16	32 x 0.5	2.40	£656.00

High Output Mats (200W/m²)

Recommended for conservatories

Model	Heated Area (m ²)	Mat Size (m)	kW	List Price
M200-010	1.0	2.0 x 0.5	0.20	£84.00
M200-015	1.5	3.0 x 0.5	0.30	£112.00
M200-020	2.0	4.0 x 0.5	0.40	£142.00
M200-030	3.0	6.0 x 0.5	0.60	£176.00
M200-040	4.0	8.0 x 0.5	0.80	£231.00
M200-050	5.0	10 x 0.5	1.00	£277.00
M200-060	6.0	12 x 0.5	1.20	£338.00
M200-070	7.0	14 x 0.5	1.40	£384.00
M200-080	8.0	16 x 0.5	1.60	£469.00
M200-090	9.0	18 x 0.5	1.80	£508.00
M200-100	10	20 x 0.5	2.00	£629.00

Insulation Boards

Limits downward heat loss

Model	Dimensions (mm)	Area Covered (m ²)	List Price
F-Board-6	1200 x 600 x 6	0.72	£29.00
F-Board-10	1200 x 600 x 10	0.72	£32.00

Repair Kit

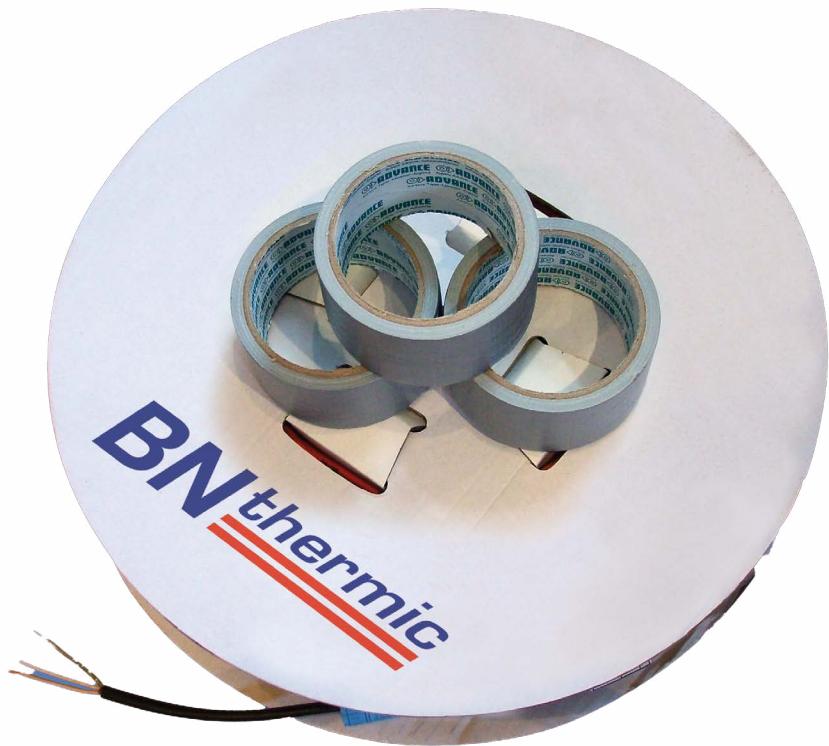
Emergency use

Model	Description	List Price
EHM-R-Kit	Cable Repair Kit	£43.00

EHC UNDERFLOOR HEATING CABLE

What is an Underfloor Heating Cable?

A lifetime warranty underfloor heating cable that creates a luxurious warm floor and provides efficient room heating. Compatible with all floor types and ideally suited to irregularly shaped rooms.



Key Features

- Lifetime warranty
- Twin core cable
- 3m power lead
- Continuous earth braided wire and fixing tape
- Wide choice of thermostats (see pages 114-115)



Energy Saving Tip

Laying F-Board insulation boards will greatly increase the economy of your system.



Heating Cables

Model	kW	Heated Area (m ²)	Cable Length (m)	List Price
EHC-012	0.12	0.7 - 1.0	11	£82.00
EHC-020	0.20	1.1 - 1.5	19	£99.00
EHC-025	0.25	1.6 - 2.0	24	£111.00
EHC-032	0.32	2.1 - 2.5	32	£126.00
EHC-040	0.40	2.6 - 2.9	37	£139.00
EHC-045	0.45	3.0 - 3.3	46	£160.00
EHC-052	0.52	3.4 - 3.8	50	£163.00
EHC-060	0.60	3.9 - 4.5	64	£201.00
EHC-075	0.75	4.6 - 6.0	76	£216.00
EHC-095	0.95	6.1 - 7.5	87	£253.00
EHC-110	1.10	7.6 - 8.5	115	£315.00
EHC-130	1.30	8.6 - 10.0	131	£347.00
EHC-170	1.70	10.1 - 13.0	159	£427.00
EHC-200	2.00	13.1 - 15.5	194	£555.00

Insulation Boards

Limits downward heat loss

Model	Dimensions (mm)	Area Covered (m ²)	List Price
F-Board-6	1200 x 600 x 6	0.72	£29.00
F-Board-10	1200 x 600 x 10	0.72	£32.00

Repair Kit

Emergency use

Model	Description	List Price
EHM-R-Kit	Cable Repair Kit	£43.00

F SERIES UNDERFLOOR HEATING FOIL MATS

What is an Underfloor Heating Mat?

An underfloor heating mat that creates a luxurious warm floor and provides efficient room heating. Designed specifically for quick and easy installation under laminate and engineered wood floors.



Key Features

- 10 year warranty
- Installed without adhesives or compounds
- Twin core cable sandwiched between layers of aluminium
- 3m power lead
- The mat can be cut and manipulated to suit room dimensions
- Typically select a mat approximately 10% smaller than the free floor area
- I-Board insulation limits downward heat loss and must be laid first
- Wide choice of thermostats (see pages 114-115)



Energy Saving Tip

Control with a 7-day programmable thermostat to keep your running costs to an absolute minimum.



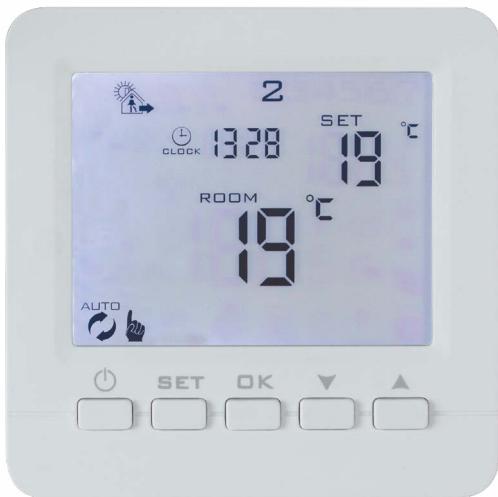
Foil Heating Mats (140W/m²)

Model	Heated Area (m ²)	Mat Size (m)	kW	List Price
F140-010	1.0	2.0 x 0.5	0.14	£96.00
F140-015	1.5	3.0 x 0.5	0.21	£135.00
F140-020	2.0	4.0 x 0.5	0.28	£158.00
F140-030	3.0	6.0 x 0.5	0.42	£210.00
F140-040	4.0	8.0 x 0.5	0.56	£274.00
F140-050	5.0	10 x 0.5	0.70	£319.00
F140-060	6.0	12 x 0.5	0.84	£371.00
F140-070	7.0	14 x 0.5	0.98	£443.00
F140-080	8.0	16 x 0.5	1.12	£478.00
F140-090	9.0	18 x 0.5	1.26	£546.00
F140-100	10	20 x 0.5	1.40	£596.00
F140-120	12	24 x 0.5	1.68	£695.00
F140-140	14	28 x 0.5	1.96	£855.00

Insulation and Fixing Tape

Model	Description	Area Covered (m ²)	List Price
I-Pack-6	Insulation/underlay 19-pack (6mm thick)	9.76	£52.00
I-Board-6	Insulation/underlay individual (6mm thick) 600 x 856mm	0.51	£8.00
LHT	Fixing tape for I-Board	10	£12.00
AL-50	Fixing tape for foil mat	10	£15.00

UNDERFLOOR HEATING THERMOSTATS



B16C



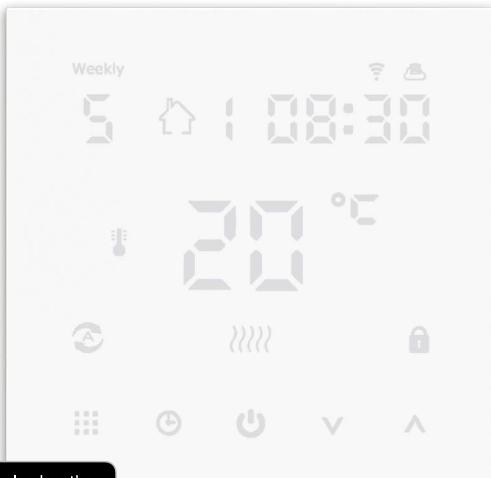
B16CB



T16CB



T16CW



W16CW



W16CB

Function Accurate electronic temperature control for electric underfloor heating

Applications Suitable for use with all BN Thermic underfloor heating systems

Features

- 16A switching
- Air/floor or floor only control
- Floor probe supplied as standard
- Free app for Wi-Fi models

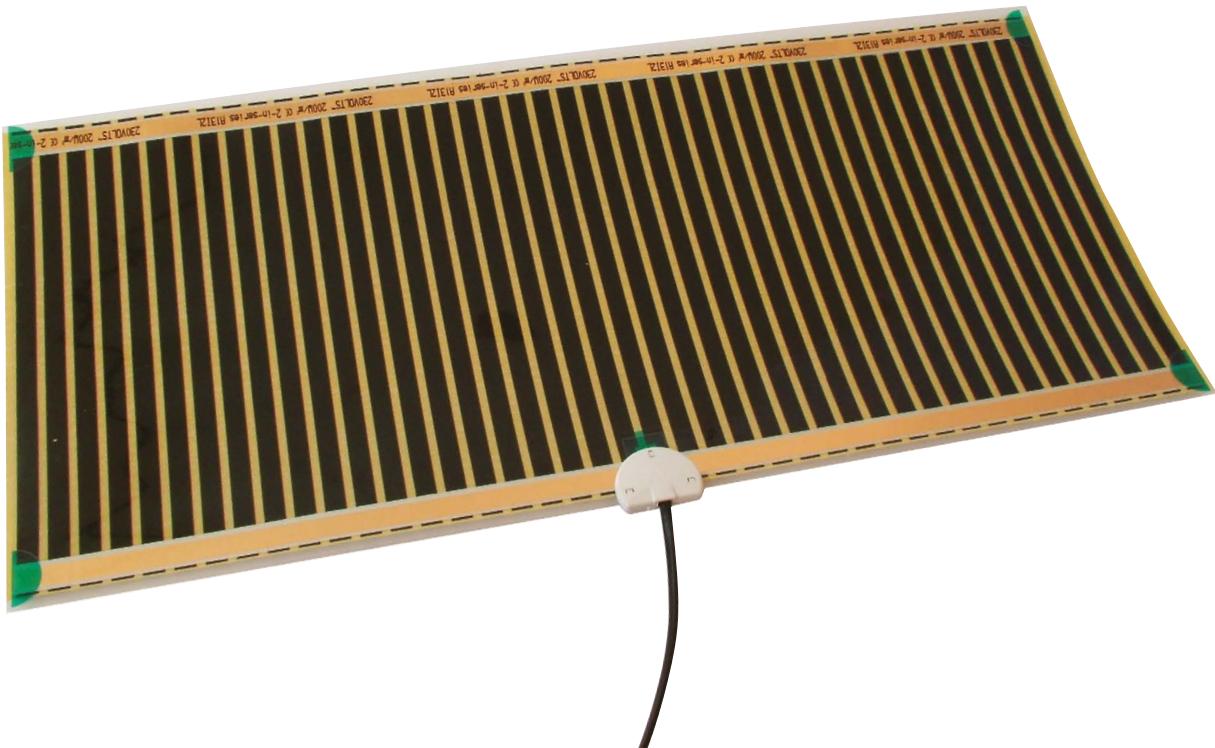
Thermostats

Model	Description	Details	Price
B16C	Basic programmable thermostat (white)	page 118	£75.00
B16CB	Basic programmable thermostat (black)	page 118	£75.00
W16CW	Touch screen/Wi-Fi thermostat (white)	page 118	£144.00
W16CB	Touch screen/Wi-Fi thermostat (black)	page 118	£144.00
T16CW	Touch screen thermostat (white)	page 119	£199.00
T16CB	Touch screen thermostat (black)	page 119	£214.00
CXSIP	Optional IP65 air temperature sensor for all underfloor heating thermostats (ideal for bathrooms)	page 131	£46.00
RB26	Relay box (26A) enables thermostat to switch up to 6kW	page 142	£110.00

MD MIRROR DEMISTER PADS

What is a Mirror Demister Pad?

An economic pad that demists mirrors in domestic and commercial bathrooms. A great luxurious addition to any new bathroom fit out.



Key Features

- 100% effective in a little over 2 minutes
- Protects an area approximately 20% larger than the pad itself
- Peel-off adhesive backing for quick and easy installation
- 1m long power lead
- Multiple pads can be used on one mirror
- 230V supply
- Class II IP44
- Suitable for bathroom zones 2 and 3



Energy Saving Tip

Wiring your pad into your lighting circuit ensures the pad is not left on when your room is unoccupied.



Demister Pads - 300mm wide

Model	Watts	Length (mm)	List Price
MD3-29	16	290	£60.00
MD3-49	27	490	£68.00
MD3-73	40	730	£78.00
MD3-97	54	970	£88.00
MD3-125	69	1250	£100.00
MD3-149	83	1490	£106.00

Demister Pads - 500mm wide

Model	Watts	Length (mm)	List Price
MD5-29	27	290	£65.00
MD5-49	46	490	£77.00
MD5-73	69	730	£88.00
MD5-97	92	970	£100.00
MD5-125	119	1250	£116.00
MD5-149	142	1490	£125.00

Demister Pads - 700mm wide

Model	Watts	Length (mm)	List Price
MD7-29	38	290	£72.00
MD7-49	65	490	£84.00
MD7-73	98	730	£97.00
MD7-97	131	970	£114.00
MD7-125	169	1250	£134.00
MD7-149	201	1490	£145.00

B16C - Basic Underfloor Heating Thermostat



Application	Underfloor heating
Adjustable Range	+5°C to +30°C
Mounting	Recessed into single-gang back box
Programmable Periods	5+2 or 7 days/4 events per day
Sensors	Integral air sensor with floor sensor supplied as standard
Switching Capacity	16A 230V
Voltage Supply	230V
Contacts	Single pole single throw
Dimensions	86mm (H) x 86mm (W) x 15mm (D) - when installed
Ingress protection	IP20
Special features	Optional open window detection Can be configured for 'air and floor sensor', 'floor sensor only' or 'air sensor only' Back-lit screen
List Price	B16C (white) £75.00 B16CB (black) £75.00

W16C - Touchscreen/Wi-Fi Thermostat



Application	Underfloor heating
Adjustable Range	+5°C to +30°C
Mounting	Recessed into a single-gang box
Programmable Periods	5+2, 6+1 or 7 days/6 events per day
Sensors	Integral air sensor with floor sensor supplied as standard
Switching Capacity	16A 230V
Voltage Supply	230V
Contacts	Single pole single throw
Dimensions	86mm (H) x 86mm (W) x 16mm (D) when recessed
Ingress Protection	IP20
Special Features	Free app for iOS or Android phone Can be used without app Back-lit screen Optional open window detection
List Prices	W16CW (white): £144.00 W16CB (black): £144.00

T16C - Touchscreen Underfloor Heating Thermostat



CXSIP optional
IP65 air sensor

Application	Underfloor heating
Adjustable Range	+5°C to +34°C
Mounting	Recessed into a single-gang back box
Programming Periods	7-day with no restriction of number of events per day
Sensors	Integral air sensor with floor sensor supplied as standard
Switching capacity	16A 230V
Voltage supply	230V
Contacts	Single pole, single throw
Dimensions	90mm (H) x 90mm (W) x 18mm (D) - when installed
Ingress protection	IP21
Special Features	<p>Available in white or black</p> <p>Can be configured for 'air and floor sensor' or 'floor sensor only'</p> <p>Screen colour can be changed</p> <p>Built-in energy use monitor</p> <p>Can be used with remote, wall mounted air sensor model CXSIP (IP65)</p> <p>Optional optimum start</p> <p>Optional open window detection</p>
List Prices	<p>T16CW (white): £199.00</p> <p>T16CB (black): £214.00</p> <p>CXSIP (optional remote air sensor): £46.00</p>

RAA21 - Basic Thermostat with frost setting



Application	Commercial and industrial heating
Adjustable range	+8°C to +30°C
Frost setting	+8°C
Mounting	Surface
Switching capacity	6A 230V
Voltage supply	None required
Contact	Single pole, double throw
Dimensions	96mm x 97mm x 35mm
Ingress protection	IP30
Special feature	Adjustable range can be reduced using setpoint limiters under the cover
List Price	£47.00

RST3-IN - Standard Room Thermostat



Application	Commercial heating
Adjustable range	+5°C to +35°C
Mounting	Surface
Switching capacity	16A 230V
Voltage supply	None required
Contacts	Single pole, single throw
Dimensions	83mm x 83mm x 35mm
Ingress protection	IP30
Special features	Gas bellow/membrane improves control accuracy
Price	£65.00

RST3-TP - Tamper-Resistant Room Thermostat



Application	Commercial heating
Adjustable range	+5°C to +35°C
Mounting	Surface
Switching Capacity	16A 230V
Voltage Supply	None required
Contacts	Single pole, single throw
Dimensions	83mm x 83mm x 45mm
Ingress protection	IP30
Special features	Gas bellow / membrane improves control accuracy Tamper resistant cover
List price	£87.00

RST-RS - Rough Service Thermostat



Application	Industrial Heating	
Adjustable range	+5°C to +30°C	
Mounting	Surface	
Tamper resistant	Yes - RST-RS No - RST-RSK	
Switching capacity	20A 230V	
Voltage supply	Non required	
Contacts	Single pole, single throw	
Dimensions	125mm x 125mm x 75mm (92mm high - RST-RSK)	
Special features	Supplied with 2 x M20 cable glands	
Model	Tamperproof	List Price
RST-RS	YES	£154.00
RST-RSK	NO	£161.00

FST3-EX - Frost Thermostat (outdoor)



Application	Frost Protection
Adjustable range	-12°C to +26°C
Mounting	Surface
Tamper resistant	Yes
Switching capacity	20A 230V
Voltage supply	None required
Contacts	Single pole, single throw
Dimensions	125mm x 125mm x 75mm
Ingress protection	IP66
Special features	Supplied with 1 x M20 cable gland
List Price	£144.00

FST-RS - Rough Service Frost Thermostat (indoor)



Application	Frost Protection
Adjustable Range	-12°C to +26°C
Mounting	Surface
Tamper resistant	Yes - FST-RS No - FST-RSK
Switching Capacity	20A 230V
Contacts	Single pole, single throw
Dimensions	125mm x 125mm x 75mm (92mm high - FST-RSK)
Ingress protection	Indoor use only
Special features	Supplied with 2 x M20 cable glands
Model	Tamperproof
FST-RS	YES
FST-RSK	NO

PROSTAT2 - Programmable Thermostat



Application	Programmable temperature control in commercial premises
Programming	7 day or 5 + 2 days
Adjustable Range	+5°C to +35°C
Mounting	Surface
Switching capacity	6A 230V
Voltage supply	2 x AA batteries (supplied)
Contacts	Single pole, change over
Dimensions	127mm x 81mm x 28mm
Ingress protection	IP30
Special features	Up to 6 programmable events per day Temporary temperature override until next pre-set period Temperature lock - permanent temperature override until reset Delayed start, optimum start, optimum stop options
List Price	£131.00

RD16 - Basic Programmable Thermostat (recessed)



CXS

BBS



CXSIP

BBSIP

Application	Commercial and industrial space heating
Adjustable range	+1°C to +45°C (default +5°C to +30°C)
Mounting	Recessed into a single-gang back box
Programmable periods	5+2 or 7 days/4 events per day
Sensor	Integral air sensor (optional remote sensors available)
Switching capacity	16A 230V
Voltage supply	230V
Contacts	Single pole single throw
Dimensions	86mm (H) x 86mm (W) x 15mm (D) - when installed
Ingress protection	IP20
Special features	Optional open window detection
List Price	
RD16 Thermostat: £71.00	
Optional Remote Sensors	
CXS Air Sensor: £44.00	
CXSIP Air Sensor IP65: £46.00	
BBS Black Bulb Sensor: £80.00	
BBSIP Black Bulb Sensor IP65: £82.00	

RT16 Programmable Wall-Mounted Thermostat 16A



CXS

BBS



CXSIP

BBSIP

Application	Commercial or industrial space heating
Adjustable Range	+1°C to +45°C (default +5°C to +30°C)
Mounting	Surface mount
Programmable Periods	5+2 or 7 days/4 events per day
Sensors	Integral air sensor (can be used with remote-mounted temperature sensor)
Switching Capacity	16A 230V
Voltage Supply	230V
Contacts	Single pole single throw
Dimensions	120mm (H) x 94mm (W) x 57mm (D)
Case	Die-cast aluminium
Ingress protection	IP20
Special features	Optional open window detection Can be used with remote, wall-mounted sensor Supplied with 2 x M20 cable glands
List Price	
RT16 Thermostat: £155.00	
Optional Remote Sensors	
CXS Air Sensor: £44.00	
CXSIP Air Sensor IP65: £46.00	
BBS Black Bulb Sensor: £80.00	
BBSIP Black Bulb Sensor IP65: £82.00	

RT26 Programmable Wall-Mounted Thermostat 26A

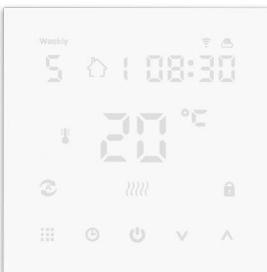


CXSIP

BBSIP

Application	Commercial or industrial space heating
Adjustable Range	+1°C to +45°C (default +5°C to +30°C)
Mounting	Surface mount
Programmable Periods	5+2 or 7 days/4 events per day
Sensors	Integral air sensor (can be used with remote-mounted temperature sensor)
Switching Capacity	26A 230V
Voltage Supply	230V
Contacts	Single pole single throw
Dimensions	125mm x 125mm x 90mm
Case	ABS Plastic
Ingress Protection	IP20
Special features	Optional open window detection Can be used with a remote, wall-mounted sensor Supplied with 2 x M20 cable glands
List Price	RT26 Thermostat: £191.00
Optional Remote Sensors	
CXS Air Sensor:	£44.00
CXSIP Air Sensor IP65:	£46.00
BBS Black Bulb Sensor:	£80.00
BBSIP Black Bulb Sensor IP65:	£82.00

WD16 - Touchscreen/Wi-Fi Thermostat (recessed)



CXSIP

BBSIP



Application	Commercial and industrial space heating
Adjustable range	+5°C to +30°C
Mounting	Recessed into a single-gang back box
Programmable periods	5+2 or 7 days/6 events per day
Sensor	Integral air sensor (optional remote sensors available)
Switching capacity	16A 230V
Voltage supply	230V
Contacts	Single pole single throw
Dimensions	86mm (H) x 86mm (W) x 16mm (D) - when installed
Ingress protection	IP20
Special features	Free app for iOS or Android phone Can be used without app Back-lit screen Optional open window detection Supplied with 2 x M20 cable glands
List Price	WD16 Thermostat: £141.00
Optional Remote Sensors	
CXS Air Sensor:	£44.00
CXSIP Air Sensor IP65:	£46.00
BBS Black Bulb Sensor:	£80.00
BBSIP Black Bulb Sensor IP65:	£82.00

WT16 - Touchscreen/Wi-Fi Thermostat 16A



CXS

BBS



CXSIP

BBSIP



Application	Commercial and industrial space heating
Adjustable range	+5°C to +30°C
Mounting	Surface mount
Programmable periods	5+2 or 7 days/6 events per day
Sensor	Integral air sensor (optional remote sensors available)
Switching capacity	16A 230V
Voltage supply	230V
Contacts	Single pole single throw
Dimensions	120mm (H) x 94mm (W) x 57mm (D)
Case material	Die-cast aluminium
Ingress protection	IP20
Special features	Free app for iOS or Android phone Can be used without app Back-lit screen Optional open window detection Supplied with 2 x M20 cable glands
List price	WT16 Thermostat: £239.00
Optional Remote Sensors	
CXS Air Sensor:	£44.00
CXSIP Air Sensor IP65:	£46.00
BBS Black Bulb Sensor:	£80.00
BBSIP Black Bulb Sensor IP65:	£82.00

WT26 - Touchscreen/Wi-Fi Thermostat 26A



CXS

BBS



CXSIP

BBSIP



Application	Commercial and industrial space heating
Adjustable range	+5°C to +30°C
Mounting	Surface mount
Programmable periods	5+2 or 7 days/6 events per day
Sensor	Integral air sensor (optional remote sensors available)
Switching capacity	26A 230V
Voltage supply	230V
Contacts	Single pole single throw
Dimensions	125mm (H) x 125mm (W) x 90mm (D)
Case material	ABS plastic
Ingress protection	IP20
Special features	Free app for iOS or Android phone Can be used without app Back-lit screen Optional open window detection Supplied with 2 x M20 cable glands
List price	WT26 Thermostat: £290.00
Optional Remote Sensors	
CXS Air Sensor:	£44.00
CXSIP Air Sensor IP65:	£46.00
BBS Black Bulb Sensor:	£80.00
BBSIP Black Bulb Sensor IP65:	£82.00

RST-HT High Temperature Room Thermostat



Application	Commercial and industrial heater control
Adjustable Range	+5 °C to +50 °C
Mounting	Surface mount
Switching Capacity	16A 230V
Voltage Supply	None required
Contacts	Single pole, single throw
Dimensions	125mm x 125mm x 75mm
Ingress Protection	IP66
Special features	Supplied with 2 x M20 cable glands, Tamper resistant
List Price	£165.00

PROSTAT3 Tamper-Resistant Industrial Thermostat



PROSTAT3



CXS



BBS



CXSIP



BBSIP

Application	Industrial heater control
Adjustable Range	0°C to +30°C
Mounting	Surface
Switching Capacity	32A 230V
Voltage Supply	230V
Contacts	Single pole, single throw
Dimensions (H x W x D)	140mm x 124mm x 75mm
Ingress Protection	IP65
Sensor	Integral 'black bulb'
Special Features	Can be used with remote-mounted temperature sensor BBS (black bulb standard) BBSIP (black bulb IP65) or CXS (standard air sensor) Optional open window detection Supplied with 2 x M20 cable glands
List Price	PROSTAT3 Thermostat: £225.00 Optional Remote Sensors CXS Air Sensor: £44.00 CXSIP Air Sensor IP65: £46.00 BBS Black Bulb Sensor: £80.00 BBSIP Black Bulb Sensor IP65: £82.00

PROSTAT4 Two-Temperature Tamper-Resistant Industrial Thermostat



PROSTAT4



CXS



BBS



CXSIP



BBSIP

Application	Industrial heater control where two temperature settings are required (e.g. comfort and frost-protection settings)
Adjustable Range - Setting One (Default)	0°C to +20°C
Adjustable Range - Setting Two	10°C to +30°C
Switching Capacity	32A 230V
Voltage Supply	230V
Contacts	Single pole, single throw
Dimensions (H x W x D)	140mm x 124mm x 78mm
Ingress Protection	IP65
Sensor	Integral 'black bulb'
Three methods to select Temperature Setting Two	<p>1- Push button on front face of thermostat activates built-in run-down timer (0-7.5 hours)</p> <p>2- Remote-mounted push button (CS-5) activates built-in run-down timer (0-7.5 hours)</p> <p>3- Remote-mounted volt-free programmable timer (PROTIM-7)</p>
Built-in Run-Down Timer Programmable Delay	Up to 7.5 hours
Special Features	<p>Front panel light indicates when Temperature Setting Two selected</p> <p>Can be used with remote-mounted temperature sensor BBS (black bulb standard) BBSIP (black bulb IP65) or CXS (standard air sensor)</p> <p>Optional open window detection</p> <p>Supplied with 2 x M20 cable glands</p>
List Price	<p>PROSTAT4 Thermostat: £239.00</p> <p>Optional Remote Sensors</p> <p>CXS Air Sensor: £44.00</p> <p>CXSIP Air Sensor IP65: £46.00</p> <p>BBS Black Bulb Sensor: £80.00</p> <p>BBSIP Black Bulb Sensor IP65: £82.00</p>

THT Weatherproof Capillary Thermostat



Application	Control for pipe trace heating
Adjustable Range	+5 °C to +50 °C
Mounting	Surface mount
Switching Capacity	16A 230V
Voltage Supply	None required
Contacts	Single pole, single throw
Dimensions	125mm x 125mm x 75mm
Capillary Length	600mm approx. (including bulb)
Ingress Protection	IP66
Special features	Supplied with 2 x M20 cable glands
List Price	£173.00



Need assistance selecting the right control system for your project?
 Contact us today for expert advice on 01293 547 361.

NEW

RST-RSC - Tamper-Resistant Change Over Thermostat



Application	Industrial Heating / Cooling
Adjustable range	+5°C to +30°C
Mounting	Surface
Tamper resistant	Yes
Switching capacity	230V 20A (Resistive Load) 10A (Inductive)
Voltage supply	230V
Contacts	Single pole, Double throw (Heating or cooling changeover)
Dimensions	125mm x 125mm x 75mm
Special features	Supplied with 2 x M20 cable glands
List price	£163.00

NEW

RST-RSCK - Industrial Change over Thermostat



Application	Industrial Heating / Cooling
Adjustable range	+5°C to +30°C
Mounting	Surface
Tamper resistant	No
Switching capacity	230V 20A (Resistive Load) 10A (Inductive)
Voltage supply	230V
Contacts	Single pole, Double throw (Heating or cooling changeover)
Dimensions	125mm x 125mm x 92mm
Special features	Supplied with 2 x M20 cable glands
List price	£168.00

TXST-01

Approval	ATEX
Equipment	Protection Level Gb (gas)
Zones	Zones 1 and 2 (gas)
Group	Group IIC
Temperature	Class T6
Adjustable Range	0 to +40 °C
Differential	4 °C (+/- 2 °C)
Temperature Sensing	Bulb and Capillary (stainless steel)
Cable Entries	2 x M20
Enclosure Material	Cast aluminium with black anodised finish
Mounting plate material	Stainless steel
Switching Capacity	16A 230V resistive load
Contacts	Single pole single throw
Ingress protection	IP66
Dimensions	270mm (w) x 155mm (h) x 91mm (d)
Weight	5kg
List price	£1,120.00

NEW**TXT-01**

Approval	ATEX and IECEx
Equipment	Protection Level Gb (gas)
Zones	Zones 1 and 2 (gas)
Group	Group IIA, IIB, IIC
Temperature	Class T6
Adjustable Range	0 to +40 °C
Differential	4 °C (+/- 2 °C)
Cable Entries	2 x M20
Enclosure Material	Cast stainless steel with brass sensor
Switching Capacity	20A 230V resistive load
Contacts	Single pole double throw (change over)
Ingress protection	IP66
Dimensions	106mm (w) x 136mm (h) x 56mm (d)
List price	£1,369.00

OUH3-DT



Application	Controlling OUH3 Industrial heaters
Adjustable Range	+5°C to 30°C
Mounting	Surface
Programmable Periods	7 Day, 6+1 Day or 5+2 Day (Default 5+2 Day)
Temperature Sensor	Internal air sensor
Remote Sensors (If required)	CXS, CXSIP, BBS and BBSIP (IP versions are IP65 rated)
Display	LCD + back light that operates when any button is pressed
Voltage Supply	230V (Fed from a 3A fused supply inside OUH3 Heater (Battery back-up for settings)
Mode Switch	Heat / Off / Fan Only (Heat only on when thermostat allows)
Dimensions	125mm (H) x 132mm (W) x 90mm (D).
Case	ABS Plastic
Special Features	Facility for locking all thermostat buttons or all thermostat buttons except "On / Off" button. Supplied with 2 x M20 Cable Glands
List Price	£166.00

OUH3-WIFI



Application	Controlling OUH3 Industrial heaters
Adjustable Range	+5°C to 30°C
Mounting	Surface
Programmable Periods	5+2 Day or 7 Days/6 events per day
Temperature Sensor	Internal air sensor
Remote Sensors (If required)	CXS, CXSIP, BBS and BBSIP (IP versions are IP65 rated)
Display	Touch Screen + back lit screen
Voltage Supply	230V (Fed from a 3A fused supply inside OUH3 Heater)
Mode Switch	Heat / Off / Fan Only (Heat only on when thermostat allows)
Dimensions	125mm (H) x 132mm (W) x 90mm (D).
Case	ABS Plastic
Special Features	Free app for iOS or Android phone Can be used without app Supplied with 2 x M20 Cable Glands
List Price	£227.00



CX1
with thermostat



CX2
with tamper
resistant thermostat



CX3
without thermostat



CX6
Programmable
Controller



CX-BMS
Module



CXS/CXSIP
optional remote
sensor for CX1, CX2
or CX6

CX1 - Controller with thermostat

For use with	All heaters in System X range in any sequence
Maximum no. of heaters controlled	12
Thermostat range	5 ° to 30 °C
Settings	on/off/high heat/low heat/fan only (summer use)
Connection to first heater	Cat5 cable
Mounting	Surface
Dimensions	120mm x 80 x 40mm
Special Feature	Open window detection
List price	£150.00

CX2 - Controller with tamper-resistant thermostat

As CX1 except	Thermostat is tamper-resistant
Special Feature	Open window detection
List price	£154.00

CX3 - Controller without thermostat

As CX1 except	Without built-in thermostat or open window detection
List price	£153.00

CX6 - Programmable Controller

As CX1 except	7 day or 5 + 2 days programming Up to 6 programmable events per day Temporary temperature override until next pre-set period Temporary lock - permanent temperature override until reset Optimum start for enhanced economy (user selectable) Button lock to prevent unauthorised adjustment Back light (switches off automatically after programming or adjustment)
List price	£264.00

CX-BMS - Connects SystemX to a BMS

As CX1 except	Without built-in thermostat or open-window detection Switches heaters on and off as directed by signal from BMS Requires volt-free signal (for a 230V signal a VI interface is required - see page 143)
List price	£143.00

CXS - Optional Remote Sensor with IP rated option

Can be used with	CX1, CX2, CX6 and other BN Thermic control systems
Mounting	Surface
Dimensions	80mm x 80 x 34mm
Ingress protection	Standard model: IP 20 CXSIP: IP65
List price	CXS: £44.00 CXSIP: £46.00

TS-7 - Soft Start Push Button Timer - 6kW



Application	Controlling halogen heaters (including patio heaters)
Mounting	Surface
Finish	Light grey
Time delay	5 minutes to 90 minutes
Switching capacity	6kW 230V (250W minimum)
Voltage supply	230V
Contacts	Single pole, single throw
Dimensions	124mm x 124mm x 78mm
Ingress protection	IP65
Special features	Constant light indicates 'heater on' Flashing light indicates last minute of operation Can be used with our PROTIM-7 timer or a volt free thermostat such as our PROSTAT2 Soft start switching prolongs halogen lamp life Supplied with 2 x M20 cable glands
List price	£221.00

TS-7B - Soft Start Push Button Timer - 6kW



Application	Controlling halogen heaters (including patio heaters)
Mounting	Surface
Finish	Black
Time delay	5 minutes to 90 minutes
Switching capacity	6kW 230V (250W minimum)
Voltage supply	230V
Contacts	Single pole, single throw
Dimensions	124mm x 124mm x 78mm
Ingress protection	IP65
Special features	Constant light indicates 'heater on' Flashing light indicates last minute of operation Can be used with our PROTIM-7 timer or a volt free thermostat such as our PROSTAT2 Soft start switching prolongs halogen lamp life Supplied with 2 x M20 cable glands
List price	£221.00

TS-8 - Push Button Timer - 7.2kW



Application	Controlling electric heaters including ceramic heaters, fan heaters Ideally suited for use with a contactor Not suitable for direct switching of halogen heater (i.e. only via contactor)
Mounting	Surface
Time Delay	5 minutes to 90 minutes
Switching Capacity	7.2kW 230V (no minimum)
Voltage Supply	230V
Contacts	Single pole, single throw
Dimensions	124mm x 124mm x 78mm
Ingress protection	IP65
Special features	Constant light indicates 'heater on' Flashing light indicates last minute of operation Can be used with our PROTIM-7 timer or a volt-free thermostat such as our PROSTAT2 Supplied with 2 x M20 cable glands
List price	TS-8 (Light grey finish): £223.00 TS-8B (Black finish): £223.00

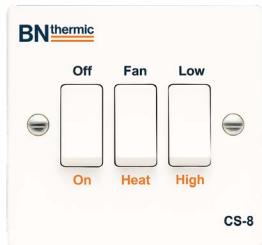
PROTIM-7 - Programmable Timer



Application	Ideal for use with a variety of commercial and industrial heating schemes
Programming	7day, 5 + 2 days or 24hour
Mounting	Surface
Maximum events per day	4
Switching Capacity	13A 230V (when switching halogen heaters this timer can be used in conjunction with our SSR soft start relay - see page 142)
Voltage Supply	230V
Dimensions	90 x 115 x 57mm
Ingress Protection	IP30
Special Features	Advance to next programme Boost (select 1 hour or 2 hours) Override - permanently on or permanently off Automatic summer update Battery back up Tough aluminium case
List price	£196.00

NEW

CS-8 - Three Gang Switch for controlling single fan heater



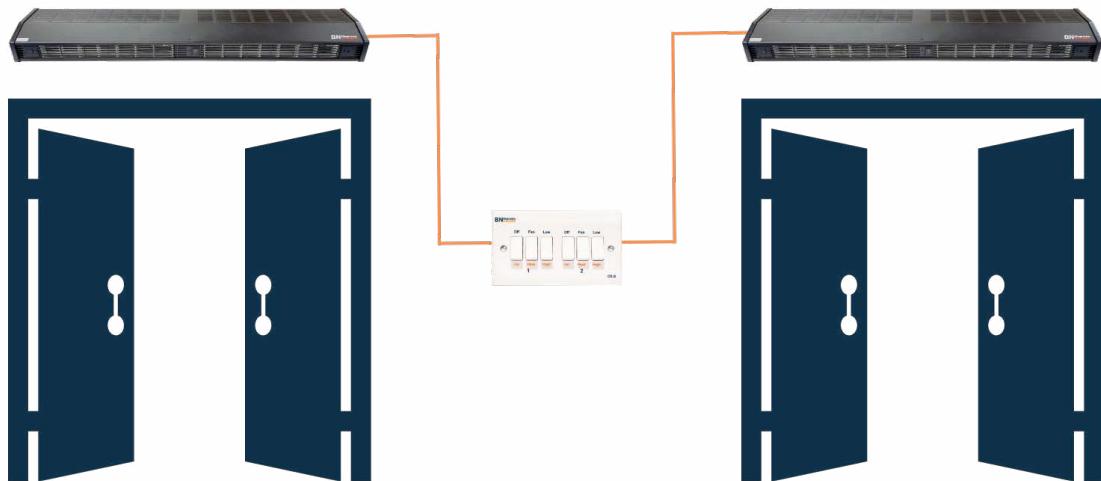
For use with	800 Series SCHG RH SMH CA
Settings	On/off/high heat/low heat/fan only (summer use)
Voltage supply	230V
Mounting	Surface (Comes complete with back box) Can also be flush mounted using standard recess back boxes.
Dimensions	85 x 85 x 44mm
Ingress protection	IP30
List price	£75.00

NEW

CS-9 - Six Gang Switch for controlling 2 x fan heaters



For use with	800 Series SCHG RH SMH CA
Settings	On/off/high heat/low heat/fan only (summer use)
Voltage supply	230V
Mounting	Surface (Comes complete with back box) Can also be flush mounted using standard recess back boxes.
Dimensions	146 x 85 x 44mm
Ingress protection	IP30
List price	£100.00



The new CS-9 switch is ideal for controlling two overdoor heaters in a commercial application

NEW

CS-DT - Programmable Thermostat Controller for fan heaters



For use with	800 Series, SCHG, RH, SMH and CA Heaters
Programming	7 Day, 6+1 Day or 5+2 Day (Default 5+2 Day) 4 Programs per day
Power Supply	230V (Fed directly from the heaters control connection enclosure (Battery back-up for settings)
Remote Sensor (Optional)	CXS, CXSIP, BBS and BBSIP (IP versions are IP65 rated)
Temperature Range	1°C to 45°C (Default 5°C to 30°C)
Display	LCD + back light that operates when any button is pressed.
Mode Switches	Low Heat / High Heat / Off / Fan Only (Heat only on when thermostat allows)
Tamper Resistant	Facility for locking all thermostat buttons or all thermostat buttons except "On / Off" button. Note: Mode switch on front still operates for "Fan Only" when thermostat does not require heat.
Dimensions	145mm (H) x 95mm (W) x 66mm (D).
Mounting	Surface mounting comes pre-drilled with holes in the back that allow direct mounting to single or double recessed boxes or for screws to secure to a wall.
Special Features	Supplied with 1 x M20 Cable Gland (white)
List price	£200.00

NEW

CS-WIFI - Programmable Wi-Fi Thermostat Controller for fan heaters



For use with	800 Series, SCHG, RH, SMH and CA Heaters
Programming	7 Days same, 6+1 Day or 5+2 Day (Default 5+2 Day) 6 Programs per day
Power Supply	230V (Fed directly from the heaters control connection enclosure (Battery back-up for settings)
Remote Sensor (Optional)	CXS, CXSIP, BBS and BBSIP (IP versions are IP65 rated)
Temperature Range	1°C to 45°C (Default 5°C to 30°C)
Display	Touch Screen + back lit screen
Mode Switches	Low Heat / High Heat / Off / Fan Only (Heat only on when thermostat allows)
Tamper Resistant	Facility for locking all thermostat buttons or all thermostat buttons except "On / Off" button. Note: Mode switch on front still operates for "Fan Only" when thermostat does not require heat.
Dimensions	145mm (H) x 95mm (W) x 66mm (D).
Mounting	Surface mounting comes pre-drilled with holes in the back that allow direct mounting to single or double recessed boxes or for screws to secure to a wall.
Special Features	Free app for iOS or Android phone. Can be used without app. Supplied with 1 x M20 Cable Gland (white)
List price	£250.00

CS-2 - Two Gang Switch for halogen or ceramic heater control



For use with	HN3-30 and CH2-30 (EXCEPT LINEAR MODELS)
Settings	Full heat / ½ heat
Voltage supply	230V
Mounting	Surface
Dimensions	85 x 85 x 48mm
Ingress protection	IP30
List price	£85.00

CS-3 - Three Gang Switch for halogen heater control



For use with	HN3-45 and HN3-60
Settings	Full heat / ⅓ heat / ½ heat
Voltage supply	230V
Mounting	Surface
Dimensions	146 x 85 x 48mm
Ingress protection	IP30
List price	£114.00

CS-4 - Single Gang Switch for halogen or ceramic heater control



For use with	HN3-15, HN3-20, HN3-30, CH2-15, CH2-30 (4 kW MAX)
Settings	On/off
Voltage supply	230V
Mounting	Surface
Dimensions	85 x 85 x 48mm
Ingress protection	IP30
List price	£65.00

CS-5 - Push Button



For use with	SSR soft start relay (see page 128)
Function	Triggers SSR's built-in run-down timer
Voltage supply	230V
Mounting	Surface
Dimensions	85 x 85 x 48mm
Ingress protection	IP30
List price	£65.00

CS-6 - Six Gang Switch for multiple halogen or ceramic heater control



For use with	6 x HN3-15 or CH2-15 (settings: on/off) 6 x HN3-20 (settings on/off) 3 x HN3-30 or CH2-30 EXCEPT LINEAR MODELS (settings: 1.5kW/3kW/off) 2 x HN3-45 (settings: 1.5kW/3kW/4.5kW/off) 2 x HN3-60 (settings: 2kW/4kW/6kW/off)
Voltage supply	230V
Mounting	Surface
Dimensions	146mm x 146mm x 48mm
Ingress protection	IP30
Special features	A full set of adhesive labels supplied for all above options Individual switches selected to withstand halogen lamp inrush
List price	£175.00

OUH3-S Switch for OUH3 industrial fan heater control



For use with	Any heater or group of heaters from the OUH3 range
Settings	On/off/fan only (summer use)
Voltage supply	230V
Mounting	Remote surface mounting or mounted onto an OUH3 heater
Dimensions	85 x 85 x 48mm
Ingress protection	IP30
List Price	£86.00

NEW

PIR26 - 6kW Soft Start PIR Controller



Application	Controlling halogen heaters (including patio heaters)
Voltage supply	230V
Max Load	6000W (26A)
Minimum Load	250W (1A)
Mounting	Surface
Sensing Range (angle)	Max 120 Degrees
Sensing Range (distance)	3-7m (Adjustable)
Time On Delay	5 - 90 Minutes
Dimensions (W x H x D)	124 x 124 x 82mm
IP Rating	IP65 Suitable for indoors and outdoors use
Special features	Can add mechanical thermostat or 7 day timer to disable controller
Supplied with	2 x M20 IP65 cable glands
List price	£243.00

NEW

PIR26C - 6kW PIR Controller



Application	Controlling electric heaters including ceramic heaters, fan heaters Ideally suited for use with a contactor Not suitable for direct switching of halogen heater (i.e. only via contactor)
Voltage supply	230V
Max Load	6000W (26A)
Mounting	Surface
Sensing Range (angle)	Max 120 Degrees
Sensing Range (distance)	3-7m (Adjustable)
Time On Delay	5 - 90 Minutes
Dimensions (W x H x D)	124 x 124 x 82mm
IP Rating	IP65 Suitable for indoors and outdoors use
Special features	Can add mechanical thermostat or 7 day timer to disable controller
Supplied with	2 x M20 IP65 cable glands
List price	£243.00

NEW



Designed and manufactured in the UK, our new PIR motion sensors can switch up to 6 kW (26 A), providing a perfect solution for multi-heater quartz halogen heater installations.

CONTROLS



HC-C1 Controller

Description	Manual controller for use with HC2 and HC3 control boxes
Settings (when used with HC2 control panel)	On /off/ $\frac{1}{2}$ heat / full heat All heaters in a control group will function identically
Settings (when used with HC3 control panel)	On / off / $\frac{1}{3}$ heat/ $\frac{2}{3}$ heat/ full heat All heaters in a control group will function identically
Timer	Run-down timer programmable between 5 minutes and 2 hours
Supply	Activated by optional HC-B push button
Dimensions	120mm x 80mm x 40mm
List Price	£158.00

HC-B Push Button



Description	Push button for use with HC-C1 controller
Function	Activates HC-C1 controller's run-down timer
Supply	Separate voltage supply not required
Dimensions	Supply provided by the controller
Features	80mm x 80mm x 34mm Connection to controller via 150mm long pre-wired cable with 4-way plug Constant light indicates 'heaters on' Flashing light indicates last minute of operation
List Price	£64.00

HC-CRS Controller - Rough Service



Description	Manual controller for use with HC2 and HC3 control boxes
Settings (when used with HC2 control panel)	On /off/ $\frac{1}{2}$ heat / full heat All heaters in a control group will function identically
Settings (when used with HC3 control panel)	On / off / $\frac{1}{3}$ heat/ $\frac{2}{3}$ heat/ full heat All heaters in a control group will function identically
Voltage Supply	Separate voltage supply not required - supply provided by the control box
Dimensions	125mm x 125mm x 75mm (90mm including knob)
Ingress protection	IP66
Special features	Includes M20 Cable gland that has a split bush allowing pre-made Cat5 cables to be used
List Price	£165.00

HC-TMRS Controller - Rough Service



Description	Manual controller for use with HC2 and HC3 control boxes
Settings (when used with HC2 control panel)	On /off /½ heat / full heat, once run down timer activated
Settings (when used with HC3 control panel)	All heaters in a control group will function identically
Count down time	On / off / ½ heat / ¾ heat/ full heat, once run down timer activated
Voltage Supply	All heaters in a control group will function identically
Dimensions	5 mins - 2 Hours (tamper resistant)
Ingress protection	Separate voltage supply not required - supply provided by the control box
Special features	125mm x 125mm x 75mm (90mm including knob)
	IP66
	Constant light indicates 'heaters on'
	Flashing light indicates last minute of operation
	Includes M20 Cable gland that has a split bush allowing pre-made Cat5 cables to be used
List Price	£195.00

PC-C1 Controller



CXS/CXSIP

Description	Programmable controller for use with PC control boxes
Adjustable range	+5°C to +30°C
Programmable periods	5+2 or 7 days/6 events per day
Supply	Separate voltage supply not required - supply provided by the control box
Dimensions	120mm x 80mm x 40mm
Special features	Optional adaptive start Optional adaptive stop Optional screen locks
List Price	PC-C1 controller: £267.00 CXS optional remote sensor: £44.00 CXSIP optional remote sensor IP65: £46.00



CON-32

Contactors

Model	Poles	Amps per Pole	Max kW per Pole @230V	List price
CON-32	3	32	7	£65.00
CON-50	3	50	11.5	£85.00
CON-80	3	80	18	£190.00
ENCL-D	Enclosure for CON-32 and CON-50: 175mm x 125mm x 175mm high			
				£35.00

Enclosure comes complete with DIN rail for quick fitting of contactor.



ENCL-D
Enclosure

CON-50



CON-80



VR-2 - Dimmer



Application	Controlling halogen heaters (including patio heaters) and ceramic heaters
Mounting	Surface
Output adjustment	30% to 100%
Switching capacity	13A 230V (halogen heaters up to 3kW)
Voltage supply	230V
Contacts	Single pole, single throw
Dimensions	115mm x 90mm x 58mm
Ingress protection	IP55
Special features	Definite click to off
List price	£198.00

RB26 Relay Box



Application	Quiet switching of loads up to 6kW 230V Ideal for underfloor heating
Mounting	Surface
Switching Capacity	26A
Voltage Supply	230V
Dimensions	124mm x 124mm x 78mm
Ingress Protection	IP21
Special features	Much quieter than the equivalent contactor Internal 1A fuse to protect thermostat/control circuit Supplied with 2 x M20 cable glands Up to 6 relay boxes can be linked
List price	£110.00

SSR - Soft Start Relay



Application	Recommended for switching halogen heaters, including patio heaters, rather than a conventional contactor. Also suitable for ceramic heaters
Mounting	Surface
Switching capacity	6kW 230V (250W minimum)
Voltage supply	230V
Contacts	Single pole, single throw
Integral Timer	Optional feature - time delay 5 to 90 minutes
Dimensions	124mm x 124mm x 78mm
Ingress protection	IP66
Use with	CS-4 for manual on/off (see page 136) CS-5 to trigger integral timer (see page 136) PROTIM-7 for programmable control (see page 133) PROSTAT2 for programmable thermostatic control ONLY USE WITH ZERO VOLT DEVICES
Special features	Soft start switching prolongs halogen lamp life Reduced strain on MCB Supplied with 2 x M20 cable glands
List price	£230.00

DSU-2R Fan Speed Regulator



Application	Controlling BN Thermic DSU3-40 and DSU3-50 Destratification Units (Not suitable for DSU3-25 or DSU3-45)
Voltage supply	230V
Mounting	Surface
Maximum load	2.5A (one regulator per unit)
Adjustment	30% to 100%
Dimensions	124mm x 124mm x 95mm (including knob)
Special features	Click to off Supplied with 2 x M20 cable glands
List price	£184.00

DSU-3R Fan Speed Regulator



Application	Controlling BN Thermic DSU3-25 and DSU3-45 Destratification Units
Voltage supply	230V
Mounting	Surface
Maximum load	2.5A (one regulator per unit)
Adjustment	30% to 100%
Dimensions	124mm x 124mm x 95mm (including knob)
Special features	Click to off. Electronic detection of Fan being turned on.
Supplied with	2 x M20 cable glands
List price	£184.00

VI Interface



Function	Converts a 230V signal to a volt-free signal
Typical Applications	Allows a variety of control devices to be integrated into SystemX heating schemes Allows a movement sensor to switch an SSR soft start relay
Mounting	Surface
Dimensions	80mm x 80mm x 34mm
List price	£65.00

A-Z PRICE LIST

Model	Description	List Price	Model	Description	List Price
830	Wall / Overdoor Heater 3kW	£425.00	CS-DT	Control Switch and 7-day Programmable Thermostat	£200.00
860	Wall / Overdoor Heater 6kW	£685.00	CS-WIFI	Control Switch and 7-day Programmable WiFi Thermostat	£250.00
890	Overdoor Heater 9kW	£1,090.00	CX1	SystemX Switch with Thermostat	£150.00
830B	Black - Wall / Overdoor Heater 3kW	£425.00	CX2	SystemX Switch + Hidden Thermostat	£154.00
830T	Wall / Overdoor Heater 3kW + Thermostat	£559.00	CX3	SystemX Switch without Thermostat	£153.00
830TB	Black - Heater 3kW + Thermostat	£559.00	CX6	SystemX Programmable Controller	£264.00
860B	Black - Wall / Overdoor Heater 6kW	£685.00	CX-BMS	BMS Module System X (Volt-Free signal)	£143.00
860T	Wall / Overdoor Heater 6kW + Thermostat	£833.00	CXS	SystemX Remote Temperature Sensor	£44.00
860TB	Black - Heater 6kW + Thermostat	£833.00	CXSIP	IP65 SystemX Remote Temperature Sensor	£46.00
890B	Black - Overdoor Heater 9kW	£1,090.00	DSU-2R	Fan Speed Regulator	£184.00
890T	Overdoor Heater 9kW + Thermostat	£1,219.00	DSU-3R	Fan Speed Regulator	£184.00
890TB	Black - Overdoor Heater 9kW + Thermostat	£1,219.00	DSU3-25	Destratification Unit 1100m³/h	£672.00
AL-50	Aluminium Tape 45m x 48mm	£15.00	DSU3-40	Destratification Unit 3800m³/h	£964.00
B16C	Programmable Underfloor Thermostat White	£75.00	DSU3-45	Destratification Unit 5600m³/h	£1,019.00
BBS	Black Bulb Sensor	£80.00	DSU3-50	Destratification Unit 7650m³/h	£1,214.00
BBSIP	Black Bulb Sensor IP65	£82.00	DX05	Cat5 Cable 5m Terminated - White	£10.00
CAD-60	Commercial Air Curtain 6kW	£940.00	DX10	Cat5 Cable 10m Terminated - White	£15.00
CAD-90	Commercial Air Curtain 9kW	£976.00	DX10B	Cat5 Cable 10m Terminated - Black	£15.00
CAH-180	Commercial Air Curtain 18kW	£1,721.00	DX20	Cat5 Cable 20m Terminated - White	£23.00
CAS-30	Commercial Air Curtain 3kW	£612.00	EHC-012	Heating Cable 0.7-1m² 0.12kW	£82.00
CAT-135	Commercial Air Curtain 13.5kW	£1,288.00	EHC-020	Heating Cable 1.1-1.5m² 0.2kW	£99.00
CAT-90	Commercial Air Curtain 9kW	£1,169.00	EHC-025	Heating Cable 1.6-2m² 0.25kW	£111.00
CH2-15	Ceramic Heater 1.5kW Ivory	£345.00	EHC-032	Heating Cable 2.1-2.5m² 0.32kW	£126.00
CH2-15B	Ceramic Heater 1.5kW Black	£345.00	EHC-040	Heating Cable 2.6-2.9m² 0.4kW	£139.00
CH2-30	Ceramic Heater 3kW Ivory	£525.00	EHC-045	Heating Cable 3-3.3m² 0.45kW	£160.00
CH2-30B	Ceramic Heater 3kW Black	£525.00	EHC-052	Heating Cable 3.4-3.8m² 0.52kW	£163.00
CH2-30L	Ceramic Heater Linear 3kW Ivory	£525.00	EHC-060	Heating Cable 3.9-4.5m² 0.6kW	£201.00
CH2-30LB	Ceramic Heater Linear 3kW Black	£525.00	EHC-075	Heating Cable 4.6-6m² 0.75kW	£216.00
CON-32	Contactor 32A 3 pole	£65.00	EHC-095	Heating Cable 6.1-7.5m² 0.95kW	£253.00
CON-50	Contactor 50A 3 pole	£85.00	EHC-110	Heating Cable 7.6-8.5m² 1.1kW	£315.00
CON-80	Contactor 80A 3 pole	£190.00	EHC-130	Heating Cable 8.6-10m² 1.3kW	£347.00
CRJ-10	Self Regulating Cable 10W/m (By m)	£18.00	EHC-170	Heating Cable 10.1-13m² 1.7kW	£427.00
CRJ-10 +50	Self Regulating Cable 10W/m (By m) - 50+	£15.00	EHC-200	Heating Cable 13.1-15.5m² 2kW	£555.00
CRJ-25	Self Regulating Cable 25W/ m (By m)	£31.00	EHM-R-KIT	Heating Cable Repair Kit	£43.00
CRJ-25 + 50M	Self Regulating Cable 25W/ m (By m) - 50+	£27.00	ENCL-D	Contactor Enclosure Type D	£35.00
CRJ-S	Splice / Tee Kit For CRJ Cable	£26.00	ESP2-12	Radiant Cassette 1.2kW 230V	£509.00
CRJ-T1	Termination Kit For CRJ Cable	£25.00	ESP2-18	Radiant Cassette 1.8kW 230V	£701.00
CS-2	Halogen Heater Control Switch - 2 Lamps	£85.00	ESP2-24	Radiant Cassette 2.4kW 230V	£736.00
CS-3	Halogen Heater Control Switch - 3 Lamps	£114.00	ESP2-30	Radiant Cassette 3kW 230V or 400V	£920.00
CS-4	Halogen Heater Control Switch - 1 Lamp	£65.00	ESP2-36	Radiant Cassette 3.6kW 230V or 400V	£967.00
CS-5	Push Button Switch 10A	£65.00	ESP2-B	Wall Brackets for ESP2 Series (Pair)	£31.00
CS-6	Halogen Heater Control Switch - 6 Lamps	£175.00	ETH-10	Terrace Heater 1kW	£511.00
CS-8	Control Switch (Heat 1 and 2, Fan Only)	£75.00	ETH-15	Terrace Heater 1.5kW	£600.00
CS-9	Double control Switch (Heat 1 and 2, Fan Only)	£100.00			

A-Z PRICE LIST

Model	Description	List Price	Model	Description	List Price
F140-010	Foil Heating Mat 1.0m ² 140W/m ²	£96.00	HN3-60	Halogen Heater 6kW Ivory	£750.00
F140-015	Foil Heating Mat 1.5m ² 140W/m ²	£135.00	HN3-60B	Halogen Heater 6kW Black	£750.00
F140-020	Foil Heating Mat 2.0m ² 140W/m ²	£158.00	HN3-60BM	Halogen Heater 6kW Black Magic Lamp	£860.00
F140-030	Foil Heating Mat 3.0m ² 140W/m ²	£210.00	HN3-60M	Halogen Heater 6kW Ivory Magic Lamp	£860.00
F140-040	Foil Heating Mat 4.0m ² 140W/m ²	£274.00	HSK	Suspension Kit (HN & CH Series)	£11.00
F140-050	Foil Heating Mat 5.0m ² 140W/m ²	£319.00	HWP2-2B	Patio Heater 2kW Black	£280.00
F140-060	Foil Heating Mat 6.0m ² 140W/m ²	£371.00	HWP2-2BM	Patio Heater 2kW Black - Magic Lamp	£339.00
F140-070	Foil Heating Mat 7.0m ² 140W/m ²	£443.00	HWP2-2W	Patio Heater 2kW White	£280.00
F140-080	Foil Heating Mat 8.0m ² 140W/m ²	£478.00	HWP2-2WM	Patio Heater 2kW White- Magic Lamp	£339.00
F140-090	Foil Heating Mat 9.0m ² 140W/m ²	£546.00	HWP2-3B	Patio Heater 3kW Black	£396.00
F140-100	Foil Heating Mat 10.0m ² 140W/m ²	£596.00	HWP2-3BM	Patio Heater 3kW Black - Magic Lamp	£597.00
F140-120	Foil Heating Mat 12.0m ² 140W/m ²	£695.00	HWP2-3W	Patio Heater 3kW White	£396.00
F140-140	Foil Heating Mat 14.0m ² 140W/m ²	£855.00	HWP2-3WM	Patio Heater 3kW White - Magic Lamp	£597.00
F-BOARD-10	Insulated Tile Backer Board 10mm	£32.00	HWP2-45B	Patio Heater 4.5kW Black	£559.00
F-BOARD-6	Insulated Tile Backer Board 6mm	£29.00	HWP2-45BM	Patio Heater 4.5kW Black Magic Lamp	£806.00
FST3-EX	Frost Thermostat 20A External Use IP66	£144.00	HWP2-B	Patio Heater 1.5kW Black	£235.00
FST-RS	Frost Thermostat 20A Rough Service	£149.00	HWP2-BM	Patio Heater 1.5kW Black - Magic Lamp	£333.00
FST-RSK	Frost Thermostat 20A Rough Service Non Tamperproof	£151.00	HWP2-S	Patio Heater 1.5kW Silver	£235.00
HC2-A	Halogen Heater Control Box (2 lamp)	£990.00	HWP2-SM	Patio Heater 1.5kW Silver - Magic Lamp	£333.00
HC3-A	Halogen Heater Control Box (3 lamp)	£990.00	HWP2-W	Patio Heater 1.5kW White	£235.00
HC-B	Halogen Heater Wall Timer Button	£64.00	HWP2-WM	Patio Heater 1.5kW White - Magic Lamp	£333.00
HC-C1	Halogen Heater Wall Control Switch	£158.00	HXL-135B	Halogen Heater 13.5kW Black (9 Lamps)	£2,206.00
HC-CRS	HC Controller IP65 - Rough Service	£165.00	HXL-180B	Halogen Heater 18kW Black (9 Lamps)	£2,575.00
HC-TMRS	HC Controller+ Timer IP65- Rough Service	£195.00	HXL-90B	Halogen Heater 9kW Black (6 Lamps)	£1,841.00
HN3-15	Halogen Heater 1.5kW Ivory	£280.00	HXL-WMX	Wall Mounting Kit (HXL Series)	£TBA
HN3-15B	Halogen Heater 1.5kW Black	£280.00	I-BOARD-6	Insulation Board 0.5m ²	£8.00
HN3-15BM	Halogen Heater 1.5kW Black Magic Lamp	£345.00	I-PACK-6	Insulation Pack 9.76m ²	£52.00
HN3-15M	Halogen Heater 1.5kW Ivory Magic Lamp	£345.00	JX1	Cat5 Joiner / Coupler	£6.00
HN3-20	Halogen Heater 2kW Ivory	£292.00	LC110	Low Level Convector 750W 110V	£TBA
HN3-20B	Halogen Heater 2kW Black	£292.00	LHT	High Adhesive Tape 50m x 50mm	£12.00
HN3-20BM	Halogen Heater 2kW Black Magic Lamp	£350.00	M150-005	Heating Mat 0.5m ² 150W/m ²	£68.00
HN3-20M	Halogen Heater 2kW Ivory Magic Lamp	£350.00	M150-010	Heating Mat 1.0m ² 150W/m ²	£76.00
HN3-30	Halogen Heater 3kW Ivory	£452.00	M150-015	Heating Mat 1.5m ² 150W/m ²	£100.00
HN3-30B	Halogen Heater 3kW Black	£452.00	M150-020	Heating Mat 2.0m ² 150W/m ²	£134.00
HN3-30BM	Halogen Heater 3kW Black Magic Lamp	£548.00	M150-025	Heating Mat 2.5m ² 150W/m ²	£143.00
HN3-30L	Halogen Heater Linear 3kW Ivory	£452.00	M150-030	Heating Mat 3.0m ² 150W/m ²	£167.00
HN3-30LB	Halogen Heater Linear 3kW Black	£452.00	M150-035	Heating Mat 3.5m ² 150W/m ²	£191.00
HN3-30LBM	Halogen Heater Linear 3kW Black Magic	£548.00	M150-040	Heating Mat 4.0m ² 150W/m ²	£226.00
HN3-30LM	Halogen Heater Linear 3kW Ivory Magic	£548.00	M150-045	Heating Mat 4.5m ² 150W/m ²	£239.00
HN3-30M	Halogen Heater 3kW Ivory Magic Lamp	£548.00	M150-050	Heating Mat 5.0m ² 150W/m ²	£261.00
HN3-45	Halogen Heater 4.5kW Ivory	£667.00	M150-060	Heating Mat 6.0m ² 150W/m ²	£309.00
HN3-45B	Halogen Heater 4.5kW Black	£667.00	M150-070	Heating Mat 7.0m ² 150W/m ²	£337.00
HN3-45BM	Halogen Heater 4.5kW Black Magic Lamp	£804.00	M150-080	Heating Mat 8.0m ² 150W/m ²	£356.00
HN3-45M	Halogen Heater 4.5kW Ivory Magic Lamp	£804.00	M150-090	Heating Mat 9.0m ² 150W/m ²	£390.00

A-Z PRICE LIST

Model	Description	List Price	Model	Description	List Price
M150-100	Heating Mat 10.0m ² 150W/m ²	£419.00	OUH3-WIFI	WiFi Thermostat + Control Switch- OUH3's	£227.00
M150-110	Heating Mat 11.0m ² 150W/m ²	£475.00	PC1-A	ESP2 Control Box 230V 1ph	£990.00
M150-120	Heating Mat 12.0m ² 150W/m ²	£521.00	PC2-A	RP Control Box 230V 1ph	£990.00
M150-140	Heating Mat 14.0m ² 150W/m ²	£576.00	PC3-A	RP + ESP Control Box 400V 3ph	£990.00
M150-160	Heating Mat 16.0m ² 150W/m ²	£656.00	PC4-A	ESP2-24/30 Control Box 400V 3ph	£990.00
M200-010	Heating Mat 1.0m ² 200W/m ²	£84.00	PC5-A	ESP2-36 Control Box 400V 3ph	£990.00
M200-015	Heating Mat 1.5m ² 200W/m ²	£112.00	PC-C1	Programmable Controller	£267.00
M200-020	Heating Mat 2.0m ² 200W/m ²	£142.00	PF-L	Caution Label pack of 10	£10.00
M200-030	Heating Mat 3.0m ² 200W/m ²	£176.00	PF-T	Flame Retardant Fixing Tape 33m x 19mm	£6.00
M200-040	Heating Mat 4.0m ² 200W/m ²	£231.00	PH30	Pew Heater 300W	£194.00
M200-050	Heating Mat 5.0m ² 200W/m ²	£277.00	PH45	Pew Heater 450W	£220.00
M200-060	Heating Mat 6.0m ² 200W/m ²	£338.00	PH65	Pew Heater 650W	£240.00
M200-070	Heating Mat 7.0m ² 200W/m ²	£384.00	PHB	Pew Heater - Hanging Brackets (Pair)	£28.00
M200-080	Heating Mat 8.0m ² 200W/m ²	£469.00	PHF	Pew Heater - Floor Brackets (Pair)	£28.00
M200-090	Heating Mat 9.0m ² 200W/m ²	£508.00	PIR26	PIR 26A	£243.00
M200-100	Heating Mat 10.0m ² 200W/m ²	£629.00	PIR26C	PIR 26A - Requires Contactor	£243.00
MD3-125	Mirror Demister Pad 230V 69W (300/1250)	£100.00	PROSTAT2	7 Day Programmable Thermostat	£131.00
MD3-149	Mirror Demister Pad 230V 83W (300/1490)	£106.00	PROSTAT3	Tamper-Resistant Industrial Thermostat	£225.00
MD3-29	Mirror Demister Pad 230V 16W (300/290)	£58.00	PROSTAT4	Two-Temperature Tamper-Resistant	£239.00
MD3-49	Mirror Demister Pad 230V 27W (300/490)	£68.00	PROTIM-7	7 Day Programmable Timer	£TBA
MD3-73	Mirror Demister Pad 230V 40W (300/730)	£78.00	PW-01	Pipe-Freeze Protection Kit 1m	£111.00
MD3-97	Mirror Demister Pad 230V 54W (300/970)	£88.00	PW-02	Pipe-Freeze Protection Kit 2m	£120.00
MD5-125	Mirror Demister Pad 230V 119W (500/1250)	£116.00	PW-03	Pipe-Freeze Protection Kit 3m	£133.00
MD5-149	Mirror Demister Pad 230V 142W (500/1490)	£125.00	PW-04	Pipe-Freeze Protection Kit 4m	£140.00
MD5-29	Mirror Demister Pad 230V 27W (500/290)	£65.00	PW-06	Pipe-Freeze Protection Kit 6m	£151.00
MD5-49	Mirror Demister Pad 230V 46W (500/490)	£77.00	PW-10	Pipe-Freeze Protection Kit 10m	£157.00
MD5-73	Mirror Demister Pad 230V 69W (500/730)	£88.00	PW-14	Pipe-Freeze Protection Kit 14m	£162.00
MD5-97	Mirror Demister Pad 230V 92W (500/970)	£100.00	PW-21	Pipe-Freeze Protection Kit 21m	£168.00
MD7-125	Mirror Demister Pad 230V 169W (700/1250)	£134.00	PW-30	Pipe-Freeze Protection Kit 30m	£194.00
MD7-149	Mirror Demister Pad 230V 201W (700/1490)	£145.00	PW-42	Pipe-Freeze Protection Kit 42m	£224.00
MD7-29	Mirror Demister Pad 230V 38W (700/290)	£72.00	RAA21	Mechanical Room Thermostat 6 Amp	£47.00
MD7-49	Mirror Demister Pad 230V 65W (700/490)	£84.00	RB26	Relay Box 26A	£110.00
MD7-73	Mirror Demister Pad 230V 98W (700/730)	£97.00	RD16	Room Wall Thermostat - Recessed	£71.00
MD7-97	Mirror Demister Pad 230V 131W (700/970)	£114.00	RH-20	Recessed Ceiling/Bulkhead Heater 2kW	£354.00
OUH3-03	Industrial Fan Heater 3kW	£1,274.00	RH-30	Recessed Ceiling/Bulkhead Heater 3kW	£468.00
OUH3-06	Industrial Fan Heater 6kW	£1,330.00	RH-60	Recessed Ceiling/Bulkhead Heater 6kW	£862.00
OUH3-09	Industrial Fan Heater 9kW	£1,435.00	RL15CW	Infrared Lamp IP55 Frosted 1.5kW 230V	£70.00
OUH3-15	Industrial Fan Heater 15kW	£1,984.00	RL15GF	Infrared Lamp Gold 1.5kW 230V SK15	£85.00
OUH3-20	Industrial Fan Heater 20kW	£2,128.00	RL15GW	Infrared Lamp IP55 Gold 1.5kW 230V	£88.00
OUH3-25	Industrial Fan Heater 25kW	£2,163.00	RL15GW/3	Infrared Lamp IP55 Gold 1.5kW 230V	£88.00
OUH3-40	Industrial Fan Heater 40kW	£3,242.00	RL15GW/4	Infrared Lamp IP55 Gold 1.5kW 230V	£88.00
OUH3-DT	Thermostat + Control Switch for OUH3's	£166.00	RL15MF	Infrared Lamp Magic 1.5kW SK15 230V	£151.00
OUH3-HK	Hanging Kit for OUH3 Heaters	£13.00	RL15MW	Infrared Lamp Magic IP55 1.5kW 230V	£163.00
OUH3-S	Control Switch for OUH3 Fan Heaters	£86.00	RL15MW/3	Infrared Lamp Magic IP55 1.5kW 230V	£163.00

A-Z PRICE LIST

Model	Description	List Price	Model	Description	List Price
RL15MW/4	Infrared Lamp IP55 Magic 1.5kW 230V	£163.00	SWG-4	Guard For SWD Heaters 1600mm	£256.00
RL20GF	Infrared Lamp Gold 2kW 230V SK15	£87.00	SWG-5	Guard For SWD Heaters 1900mm	£266.00
RL20GW	Infrared Lamp IP55 Gold 2kW 230V	£93.00	T16CB	Touch Screen Thermostat - **BLACK**	£214.00
RL20MF	Infrared Lamp Magic 2kW SK15 230V	£151.00	T16CW	Touch Screen Thermostat - White	£199.00
RL20MW	Infrared Lamp Magic IP55 2kW 230V	£167.00	THJ	Junction Box IP66 6Way	£57.00
RP3-03	Radiant Ceiling Panel (592 x 592) 300W	£280.00	THT	Capillary Thermostat IP66 5°C to 50°C	£173.00
RP3-06	Radiant Ceiling Panel (1192 x 592) 600W	£403.00	TS-7	Push Button Soft Start Timer 26 Amps	£221.00
RST3-IN	Room Thermostat 16A	£65.00	TS-7B	Black - Soft Start Timer 26 Amps	£221.00
RST3-TP	Room Thermostat 16A Tamperproof	£87.00	TS-8	Push Button Timer 26 Amps	£223.00
RST-HT	Thermostat IP66 5°C to 50°C 16A	£165.00	TS-8B	Black - Push Button Timer 26 Amps	£223.00
RST-RS	Thermostat 5°C - 30°C 20A Rough Service	£154.00	TXG-01	Guard For TXT Heater 740mm	£82.00
RST-RSC	Change Over Thermostat 5 - 30°C 20A Tamper Resistant	£163.00	TXG-02	Guard For TXT Heater 1350mm	£99.00
RST-RSCK	Change Over Thermostat 5 - 30°C 20A	£168.00	TXST-01	ATEX Thermostat	£1,120.00
RST-RSK	Thermostat 5°C - 30°C 20A Rough Service - Non Tamperproof	£161.00	TXT-01	ATEX Thermostat	£1,369.00
RT16	Programmable Wall Thermostat 16A	£155.00	TXT3-05	Atex Tubular Heater 500W	£2,149.00
RT26	Programmable Wall Thermostat 26A	£191.00	TXT3-10	Atex Tubular Heater 1kW	£2,229.00
SCHG-30	Ceiling Grid Heater 3kW	£426.00	TXT3-15	Atex Tubular Heater 1.5kW	£2,454.00
SCHG-30T	Ceiling Grid Heater 3kW with Thermostat	£615.00	VI	Interface (230V to Volt-Free)	£65.00
SCHG-45R	Ceiling Grid Heater 4.5kW	£510.00	VR-2	Dimmer IP55 13A	£198.00
SCHG-60	Ceiling Grid Heater 6kW	£704.00	W16CB	WiFi Underfloor Thermostat - Black	£144.00
SMH-30	Surface Mount Heater 3kW	£445.00	W16CW	WiFi Underfloor Thermostat - White	£144.00
SMH-30B	Surface Mount Heater 3kW - Black	£445.00	WD16	Wi-Fi Wall Thermostat - Recessed	£141.00
SMH-30T	Surface Mount Heater 3kW with Thermostat	£595.00	WT16	WiFi Wall Thermostat 16A	£239.00
SMH-45R	Surface Mount Heater 4.5kW	£500.00	WT26	WiFi Wall Thermostat 26A	£290.00
SMH-60	Surface Mount Heater 6kW	£736.00	XAD-60	System X Commercial Air Curtain 6kW	£1,070.00
SSR	Soft Start Relay 6kW	£230.00	XAD-90	System X Commercial Air Curtain 9kW	£1,124.00
SWD-A-1000	Tubular Heater 1kW + Thermostat	£771.00	XAH-180	System X Commercial Air Curtain 18kW	£2,096.00
SWD-A-1500	Tubular Heater 1.5kW + Thermostat	£905.00	XAS-30	System X Commercial Air Curtain 3kW	£741.00
SWD-A-2000	Tubular Heater 2kW + Thermostat	£983.00	XAT-135	System X Commercial Air Curtain 13.5kW	£1,514.00
SWD-A-3000	Tubular Heater 3kW + Thermostat	£1,310.00	XAT-90	System X Commercial Air Curtain 9kW	£1,316.00
SWD-A-500	Tubular Heater 0.5kW + Thermostat	£676.00	XC-30	SystemX Ceiling Grid Heater 3kW	£566.00
SWD-U-1000	Tubular Heater 1kW	£583.00	XC-45	SystemX Ceiling Grid Heater 4.5kW	£657.00
SWD-U-1000-1	Tubular Heater 1kW 110V	£715.00	XC-60	SystemX Ceiling Grid Heater 6kW	£854.00
SWD-U-1500	Tubular Heater 1.5kW	£704.00	XD-30	SystemX Wall / Overdoor Heater 3kW	£639.00
SWD-U-1500-1	Tubular Heater 1.5kW 110V	£788.00	XD-60	SystemX Wall / Overdoor Heater 6kW	£930.00
SWD-U-2000	Tubular Heater 2kW	£804.00	XD-90	SystemX Wall / Overdoor Heater 9kW	£1,214.00
SWD-U-3000	Tubular Heater 3kW	£1,114.00	XR-20	SystemX Recessed Ceiling Heater 2kW	£519.00
SWD-U-4000	Tubular Heater 4kW	£1,540.00	XR-30	SystemX Recessed Ceiling Heater 3kW	£591.00
SWD-U-500	Tubular Heater 0.5kW	£487.00	XR-60	SystemX Recessed Ceiling Heater 6kW	£1,001.00
SWD-U-500-1	Tubular Heater 0.5kW 110V	£546.00	XS-30	SystemX Surface Mount Heater 3kW	£614.00
SWG-1	Guard For SWD Heaters 450mm	£109.00	XS-30B	SystemX Surface Mount Heater 3kW - Black	£614.00
SWG-2	Guard For SWD Heaters 650mm	£136.00	XS-45	SystemX Surface Mount Heater 4.5kW	£660.00
SWG-3	Guard For SWD Heaters 1075mm	£160.00	XS-60	SystemX Surface Mount Heater 6kW	£872.00



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